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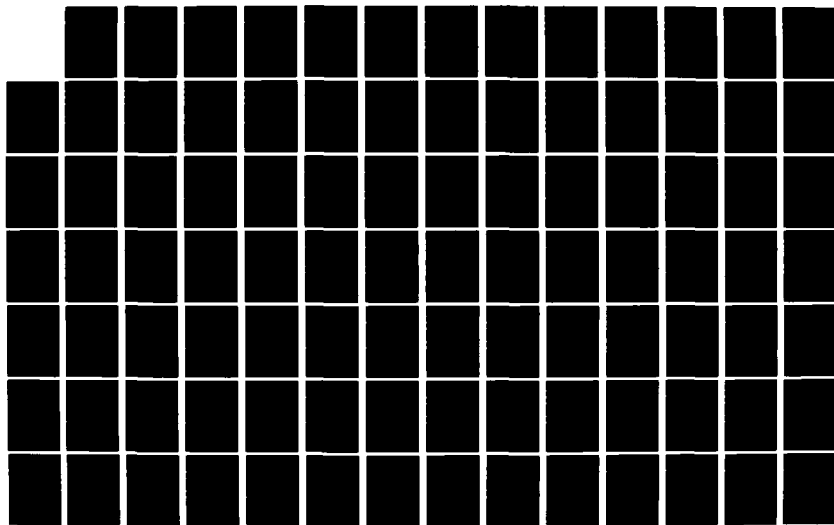
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 13E
CANNON FIRE DIRECTION S. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 28 SEP 79

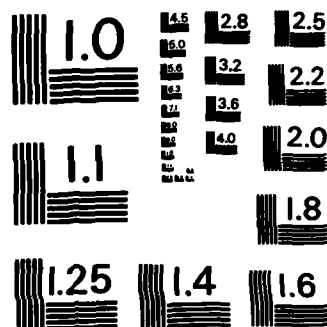
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JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 13E

MOS

CANNON FIRE DIRECTION SPECIALIST

REFERENCE SOLDIER'S MANUAL DATED

28 September 1979

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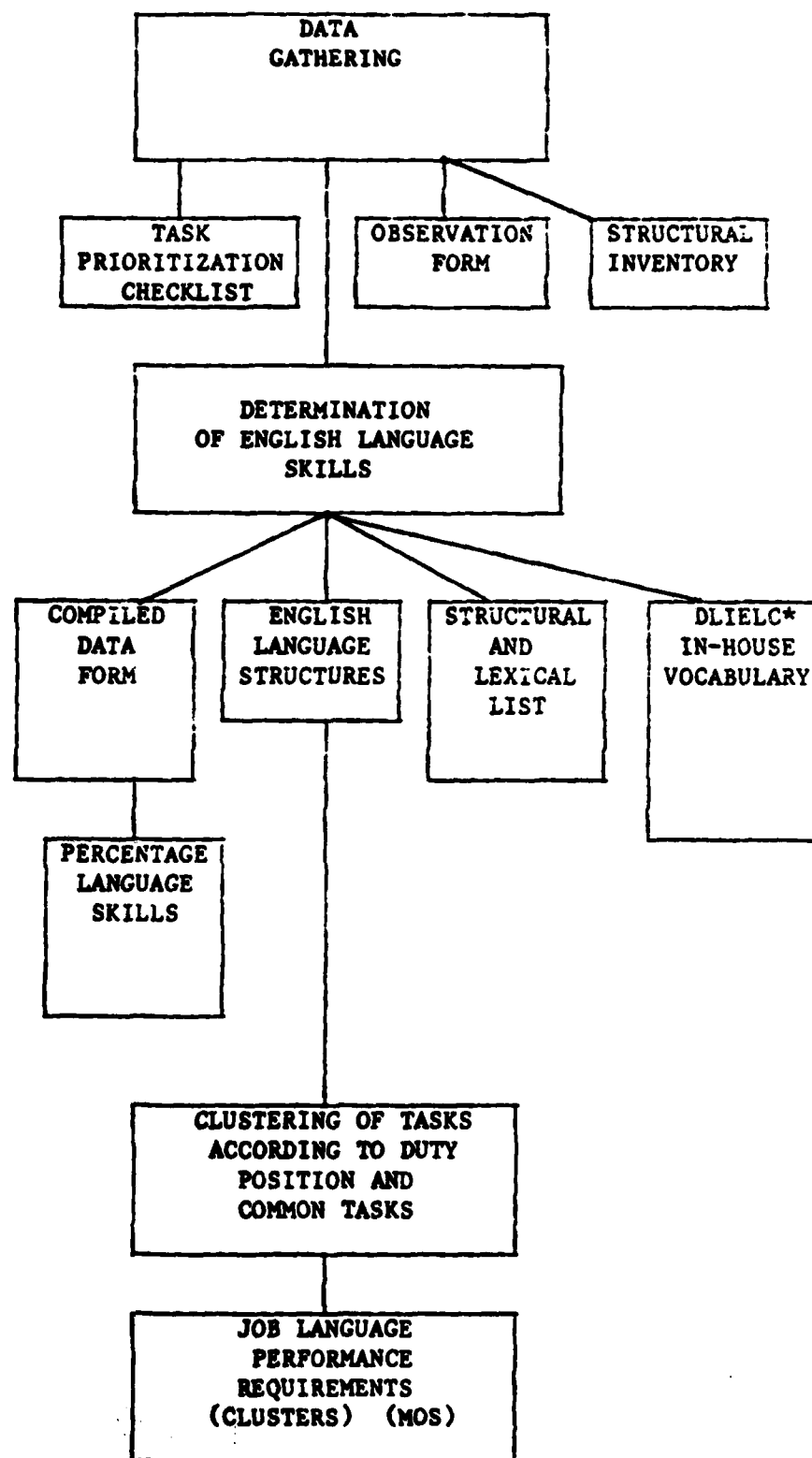


FIGURE 1

*Defense Language Institute English Language Center

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to deter- mine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ←		

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

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SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

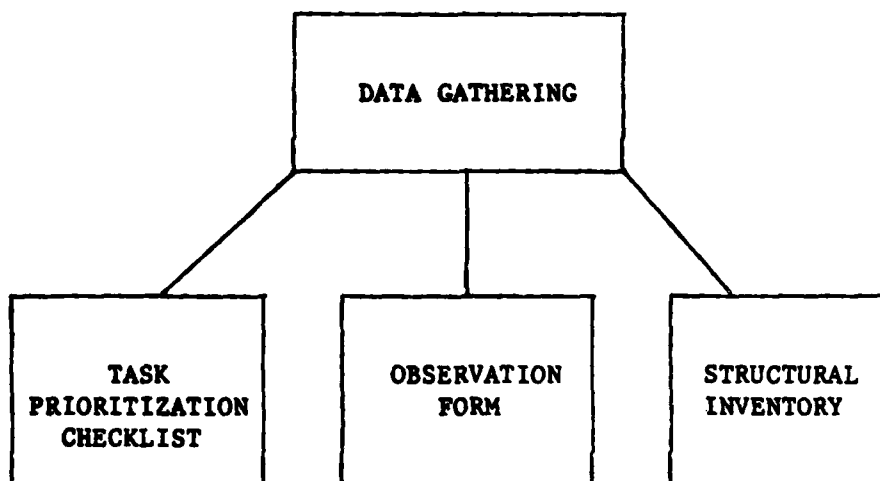


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

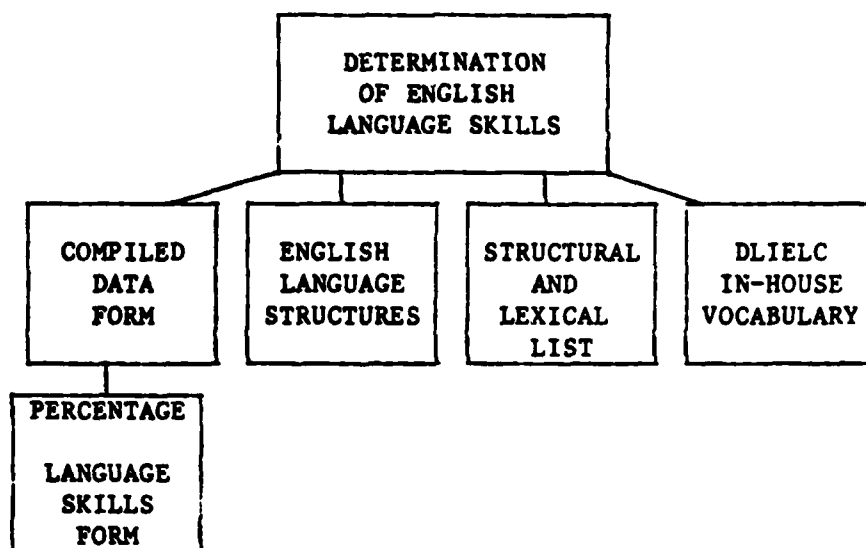


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	21%
Speaking	11%
Reading	10%
Writing	10%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

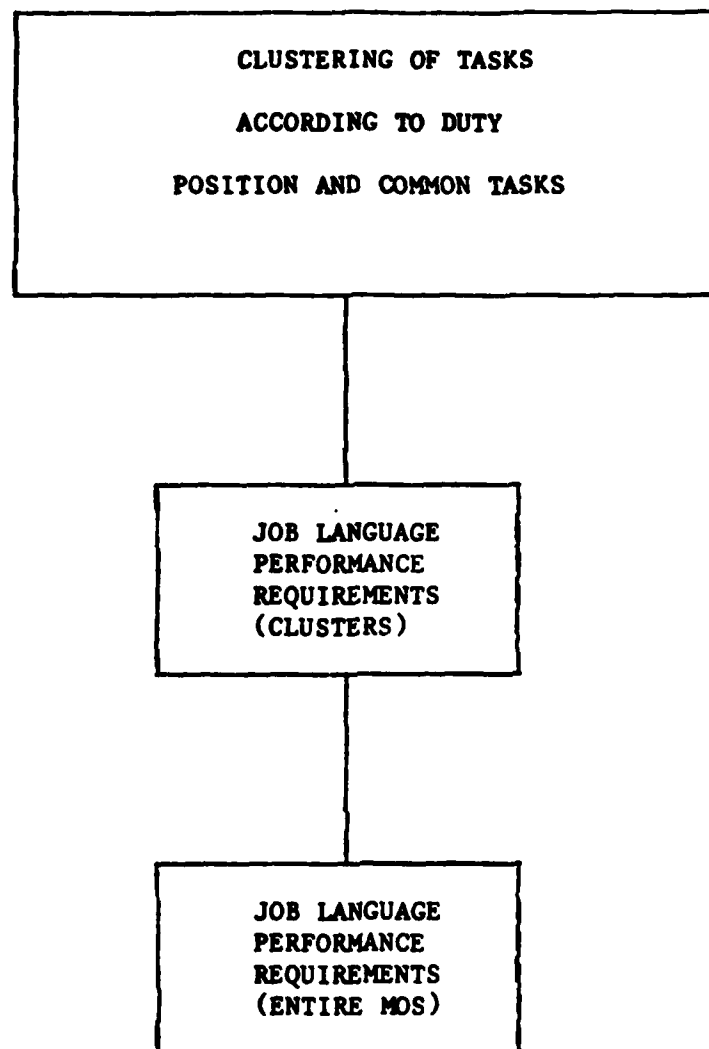


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. LAND NAVIGATION
8. M16A1 RIFLE
9. LIGHT ANTITANK WEAPON (LAW)
10. GRENADES
11. MINES
12. LEADERSHIP
13. M60 MACHINEGUN
14. MANUAL FIRE DIRECTION PROCEDURES
15. FADAC OPERATIONS
16. SUPERVISION OF FADAC OPERATIONS
17. FIELD COMMUNICATIONS
18. OPERATIONS SPECIALIST
19. CHRONOGRAPH OPERATOR
20. SENIOR CHRONOGRAPH OPERATOR
21. WHEELED/TRACKED VEHICLE OPERATIONS

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldier's duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldier's job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	40%
Speaking	26%
Reading	21%
Writing	22%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to respond
CONDITIONS:	Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce oral utterances to explain
CONDITIONS:	Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

081-831-1001	Perform Mouth-to-Mouth Resuscitation
081-831-1002	Perform Cardiopulmonary Resuscitation-CPR
081-831-1004	Apply First Aid Measures to Stop Bleeding
081-831-1005	Give First Aid to Prevent Shock
081-831-1009	Give First Aid for Wet or Cold Injuries

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	31%
Speaking	21%
Reading	17%
Writing	16%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed material
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

091-503-1008	Identify NBC Hazards and Take Appropriate Actions
031-503-1002	Put on and Wear A Protective Mask
031-503-1007	Decontaminate Self
031-503-1008	Decontaminate Individual Equipment
031-503-1001	Perform Operator's Maintenance on an M17-Series Protective Mask
031-503-1009	Satisfy Personal Needs in a Chemical Environment
031-503-1011	Perform Operator's Maintenance on an M24, M25, or M25A1 Protective Mask
031-503-2003	Place the Automatic Chemical Agent Alarm System into Operation
031-503-2004	Service the Automatic Chemical Agent Alarm System
031-503-2002	Decontaminate Equipment Using ABC-M11 Decontamination Apparatus
081-831-1015	Give Artificial Respiration to a Chemical Agent Casualty Using Back-Pressure Armlift Method

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	32%
Speaking	10%
Reading	7%
Writing	5%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanatory
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201	Maintain an Appropriate Level of Physical Fitness (Male Only)
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BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords, and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-326-5703	Construct Individual Fighting Positions
071-326-0501	Move as a Member of a Fire Team

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	19%
Speaking	13%
Reading	9%
Writing	10%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-202-1001	Camouflage/Conceal Self and Individual Equipment
051-202-1002	Camouflage/Conceal Equipment
051-202-1003	Camouflage/Conceal Defensive Positions

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	25%
Reading	13%
Writing	13%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to orally interact
CONDITIONS:	Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, tables and security situations
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-331-0801	Use Challenge and Password
071-331-0803	Collect/Report Information - Salute

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	12%
Reading	15%
Writing	17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to record the grid reference
STANDARDS: 100% legible written content

III. TASK NUMBERS AND TITLES

071-326-0515	Select a Movement Route Using a Map
071-329-1006	Navigate from one Position on the Ground to Another Point
071-329-1007	Determine Distance While Moving Between 2 Points on the Ground
071-329-1002	Determine the Grid Coordinates of a Point on a Military Map Using the Military Grid Reference System
071-329-7009	Convert Azimuths (Magnetic or Grid)
071-329-1024	Measure an Azimuth on a Map with a Protractor
071-329-1008	Measure Distance on a Map

071-329-1022 Determine an Unknown Point on a Map or on the Ground by Intersection
071-329-1023 Determine an Unknown Point on a Map or on the Ground by Resection
071-329-1004 Determine the Elevation of a Point on the Ground Using a Map
071-329-1025 Orient a Map Using a Declinated M2 Compass
071-329-7012 Orient a Map to the Ground by Map-Terrain Association
071-329-1005 Determine a Location on the Ground by Terrain Association

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	18%
Reading	18%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2007	Qualify with the M16A1 Rifle
071-311-2003	Load, Reduce a Stoppage, and Clear an M16A1 Rifle
071-311-2001	Perform Operator Maintenance on M16A1 Rifle, Magazines and Ammunition
071-311-2004	Battlesight Zero M16A1 Rifle

LIGHT ANTITANK WEAPON (LAW)

I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	13%
Reading	3%
Writing	4%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to produce a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-318-2201	Prepare an M72A2 LAW for Firing: Restore M72A2 LAW to Carrying Configuration
071-318-2202	Engage Targets with an M72A2 LAW
071-318-2202	Apply Immediate Action to Correct a Malfunction on an M72A2 LAW

GRENADES

I. PERCENTAGE LANGUAGE SKILLS

Listening	11%
Speaking	3%
Reading	2%
Writing	3%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-311-2104	Engage Targets with an M203 Grenade Launcher and Apply Immediate Action to Reduce a Stoppage
071-311-2101	Perform Operator Maintenance on M203 Grenade Launcher and Ammunition
071-325-4401	Perform Safety Checks on Hand Grenades
071-325-4402	Engage Enemy Targets with Hand Grenades

MINES

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4,) using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to mark mine fields
STANDARDS:	100% understandable and legible written communication

III. TASK NUMBERS AND TITLES

051-192-1003	Install the M18A1 Fragmentation Antipersonnel Mine (Claymore) with and without Tripwires
051-192-1013	Disarm the M18A1 Fragmentation Antipersonnel Mine (Claymore) Equipped with and without Tripwires

LEADERSHIP

I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	38%
Reading	33%
Writing	38%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to respond
CONDITIONS:	Given a scenario involving simple questions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given situations requiring inspections, supervision and counseling in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of references, manuals, procedures and instructions
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete forms and make a written report
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-328-5301 Inspect Personnel/Equipment

M60 MACHINEGUN

I. PERCENTAGE LANGUAGE SKILLS

Listening	13%
Speaking	0%
Reading	1%
Writing	2%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of requirements, captioned illustrations and labels
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of a range card
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to complete a range card
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-312-3001	Operate an M60 Machinegun
071-312-3005	Perform operator Maintenance on an M60 Machinegun and Ammunition
071-312-2320	Mount/Dismount an M60 Machinegun on an M122 Tripod
441-099-1001	Engage an Aerial Target with an M60 Machinegun
071-312-3002	Fire the M60 Machinegun for Familiarization
071-312-3007	Prepare a Range Card for an M60 Machinegun

MANUAL FIRE DIRECTION PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	22%
Reading	31%
Writing	34%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to warn
CONDITIONS: Given a requirement to utter verbal warnings in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to instruct in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, charts, maps, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-280-1000	Prepare and Transmit Messages to Observer
061-280-1001	Prepare a Surveyed Firing Chart
061-280-1002	Plot Targets, Determine and Announce Chart Data and Angle T
061-280-1003	Replot Targets as Directed and Determine and Announce Grid Location

061-280-1004	Transfer from a Map-Spotted Firing Chart to a Surveyed Firing Chart
061-280-1005	Construct an Emergency Firing Chart
061-280-1006	Construct TGPC Sectors
061-280-1007	Compute and Announce Site, Angle of Site, and Vertical Angles
061-280-1100	Determine Basic Firing Data for an HE Projectile with a GFT/GFT Fan (Fuze Quick, Time and VT)
061-280-1200	Determine Basic Firing Data for an HE Projectile with a GFT (High Angle)
061-280-1300	Construct a GFT Setting and Apply Deflection Corrections to a GFT/GFT Fan
061-280-1101	Determine Basic Firing Data for an HE Projectile with a GFT Setting Applied (GFT or GFT Fan)
061-280-1600	Determine Firing Data for Shell ICM Using the ICM Scale on the GFT
061-280-1601	Determine Firing Data for One-Gun Illumination using the GFT
061-280-1102	Complete the Record of Fire for a Low Angle Adjust Fire Mission (Fuze Quick, Time and VT)
061-280-1201	Complete the Record of Fire for a High Angle Adjust Fire Mission (Fuze Quick and VT)
061-280-1400	Determine Total Corrections From a Registration
061-280-1401	Determine Position Corrections by Solution of a Concurrent MET Message
061-280-1402	Update a GFT Setting and GFT Deflection Correction by Solution of a Subsequent MET Message
061-280-1008	Determine Data to Orient Observers for an HB/MPI (or Radar HB/MPI) Registration
061-280-1009	Determine the HB/MPI Location by Graphic Intersection
061-280-1010	Determine the HB/MPI (or Radar HB/MPI) Location by Plotting Polar Coordinates
061-280-1011	Plot the HB/MPI (or Radar HB/MPI) Location by Grid Coordinates
061-280-2300	Determine Adjusted Firing Data from a Low Angle Impact and Time Registration
061-280-2301	Determine Adjusted Firing Data from a Second Lot Registration
061-280-2302	Determine and Apply Low Angle GFT Setting and Deflections Corrections to Graphical Equipment
061-280-2303	Determine and Announce Fire Commands for a Destruction Mission
061-280-2304	Transfer a GFT Setting and Deflection Correction from an Offset Registration
061-280-2600	Determine Corrections for a Non-Standard Weight Projectile
061-280-2601	Determine Firing Data for a HOB Correction for Shell ICM
061-280-2602	Determine Firing Data for Shell Toxic, Chemical
061-280-2603	Determine Firing Data for Shell WP
061-280-2604	Determine and Announce Fire Commands for Illumination Missions
061-280-2605	Determine and Announce Fire Commands for an Immediate Smoke Mission
061-280-2606	Determine and Announce Fire Commands for a Quick Smoke Mission

061-280-2400	Determine GFT Settings for 6400 Mils (8 Directional MET)
061-280-2401	Determine the Data for a Two-Plot GFT Setting by Solving a MET to a MET Check Gagepoint, and Construct the Two-Plot GFT Setting
061-280-2000	Direct the Construction of an Emergency Firing Chart
061-280-2305	Determine the New GFT Setting in Transfer From a Map-Spotted Firing Chart to a Surveyed Firing Chart
061-280-2100	Determine and Announce Replot Data (Fuze Quick and VT)
061-280-2101	Determine and Announce Replot Data (Fuze Time)
061-280-2700	Determine and Apply Position Corrections with an M10/M17 Plotting Board
061-280-2701	Determine and Announce Firing Data Using Special Corrections with an M10/M17 Plotting Board
061-280-2702	Determine Piece Displacement Using Hasty Traverse Procedures
061-280-2703	Compute Terrain Gun Position Corrections (TGPC)
061-280-2500	Determine Firing Data for Shell 155mm Nuclear Using the Observer Adjustment Technique
061-280-2501	Determine Firing Data for Shell 155mm Nuclear Using the K-Transfer Technique
061-280-2502	Determine Firing Data for Shell 155mm Nuclear Using the MET Correction Technique
061-280-2503	Determine Firing Data for Shell 8-inch Nuclear Using the Observer Adjustment Technique
061-280-2504	Determine Firing Data for Shell 8-inch Nuclear Using the K-Transfer Technique
061-280-2505	Determine Firing Data for Shell 8-inch Nuclear Using the MET + VE Technique
061-280-2102	Determine and Announce Fire Commands for a Zone and Sweep Mission
061-280-2103	Determine and Announce Fire Commands for Prearranged Fires
061-280-2104	Assist an Untrained Observer with the Conduct of a Fire Mission
061-280-2306	Determine Firing Data for an Assault Fire Mission
061-280-2105	Determine and Announce Fire Commands for a Mass Fire Mission
061-280-2402	Determine Firing Data by Solution of a MET to a Target

FADAC OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	14%
Reading	14%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen for information
CONDITIONS:	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, computer readouts, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record firing DATA using FADAC
STANDARDS:	100% accurately typed (keyboarded) content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-281-1000	Prepare the FADAC for Operation
061-281-1001	Enter Known Data into FADAC
061-281-1002	Input Residuals into FADAC as Directed by Computer
061-281-1100	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Grid Coordinates (HE: Q, TI, VT)
061-281-1101	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Polar Plot (HE: Q, TI, VT)
061-281-1102	Determine Firing Data Using FADAC (Area Mission) for a Target Located by Shift from a Known Point (HE: Q, TI, VT)
061-281-1103	Determine Firing Data Using FADAC (Area Mission) to Mass the Fires of More than One Firing Unit
061-281-1300	Derive Adjusted Data for a GFT Setting Using FADAC
061-280-1103	Determine Chart Data Using Manual Backup Procedures
061-281-1600	Determine Firing Data for Specific Shell Fuze Combinations
061-281-1301	Compute, Store, and Transfer Registration corrections using FADAC
061-281-1303	Determine Observer Orienting Data, Firing Data, and Location Data for an HB/MPI/Registration Using FADAC
061-281-1304	Determine Radar Orienting Data, Firing Data and HB/MPI Location Data for a Radar Registration Using FADAC
061-281-1003	Replot Targets with FADAC (Q, TI, VT)
061-281-1302	Derive Adjusted Data for 6400 Mil GFT Settings (8 Directions) Using FADAC
061-279-6001	Operate a GED Generator Set (FADAC)
061-279-6002	Service a GED Generator Set (FADAC)

SUPERVISION OF FADAC OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	21%
Speaking	9%
Reading	7%
Writing	6%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen for information
CONDITIONS: Given oral instructions and verbal commands to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to give instructions and supervision in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, computer readouts, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete a "record of fire" card
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-281-2300	Direct the FADAC Operator to Compute, Store and Transfer Registration Corrections
061-281-2301	Direct the FADAC Operator to Derive Adjusted Data for a Two-Plot GFT Setting
061-281-200~	Direct the FADAC Operator to Replot Targets with FADAC (Q, VT, TI)
061-281-2302	Direct the FADAC Operator to Recompute Registration Corrections Following Receipt of a Concurrent MET
061-281-2303	Direct the FADAC Operator to Derive Adjusted Data for 6400 Mil GFT Settings (8 Directions)

061-281-2100	Direct the Massing of More than One Fire Unit Using FADAC
061-281-2101	Direct the Conduct of Multiple Missions with FADAC
061-281-2102	Direct the FADAC Operator to Compute Firing Data for Irregularly-Shaped Targets
061-280-2106	Conduct a Fire Mission Using Manual Backup Procedures
061-281-2600	Direct the FADAC Operator to Determine Firing Data for Shells ICM, Illumination and Nuclear Using FADAC

FIELD COMMUNICATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	22%
Speaking	15%
Reading	11%
Writing	11%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to perform
CONDITIONS:	Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-600-1001	Install Telephone Set TA-312/PT
113-600-2001	Operate Field Telephone TA-312/PT
113-600-3001	Perform Operator Preventive Maintenance on Field Telephone TA-312/PT
113-588-3011	Perform Operator Maintenance on Communication Wire
113-594-2004	Operate Switchboard Telephone Manual SB-22/PT or SB-22A/PT
113-594-2005	Prepare/Operate Switchboard SB 993
113-587-1003	Install Radio Set AN/VRC-64
113-587-2002	Operate Radio Set AN/VRC-64
113-587-3005	Perform Operator Maintenance on Radio Sets AN/PRC-77 and AN/GRC-25 or AN/GRC-160
113-587-2021	Prepare for Operation and Operate Radio Set AN/VRC-46
113-587-3004	Perform Operator Maintenance on Radio Set AN/VRC-46 and AN/VRC-47
113-622-2003	Install and Operate Radio Remote Control Equipment
113-622-3005	Perform Operator Checks and Services On Radio Remote Control Equipment
113-596-1003	Erect/Dismantle Antenna RC-292
113-596-3001	Perform Operator Checks and Services on Antenna RC-292
113-609-2008	Prepare for Operation and Operate Speech Security Equipment TSEC/KY-38
113-587-2019	Prepare for Operation and Operate Intercommunication Set AN/VIC-1 with AN/VRC-46
113-596-1009	Install/Dismantle Antenna AT 984A/G
061-306-6001	Perform Low-Level Anti-Jamming Procedures
113-571-1005	Send or Receive a Radio Telephone Message
061-283-6003	Call for/Adjust Indirect Fire
113-573-4002	Use KAL-61B KTC 1400 Numerical Code to Authenticate Transmissions and Encrypt/Decrypt Numbers and Grid Zone Letters
113-573-4001	Encode and Decode Messages Using a KTC-600 Tactical Operations Code

OPERATIONS SPECIALIST

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record and label
CONDITIONS:	Given a requirement to complete DA Forms and prepare maps
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-305-6006	Prepare a Map Overlay
061-332-5051	Prepare/Post Daily Staff Journal
061-284-6001	Prepare a Fire Support Situation Map
061-284-6003	Prepare a Fire Support Capability Overlay

CHRONOGRAPH OPERATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to interact
CONDITIONS:	Given the requirement to orally respond in a team situation
STANDARDS:	100% understandable oral utterances
TASK:	Produce oral utterances to inform
CONDITIONS:	Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, computer readouts, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record data on a chronograph
STANDARDS:	100% accurately typed (keyboarded) content

III. TASK NUMBERS AND TITLES

061-280-1900	Prepare the M36 Radar Chronograph for Operation
061-280-1901	Perform Operational Checks and Adjustments on the M36 Radar Chronograph
061-280-1902	Operate an M36 Radar Chronograph

SENIOR CHRONOGRAPH OPERATOR

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of instructions
STANDARDS: 100% understanding of printed content

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of computer readouts
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to complete a chronograph record sheet
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

061-280-2900	Correlate the M36 Radar Chronograph Aiming System with the Aiming System of the Weapon to be Calibrated Using the Common Aiming Point Method
061-280-2901	Correlate the M36 Radar Chronograph Aiming System of a Weapon to be Calibrated Using Reciprocal Laying Procedure
061-280-2902	Correlate the M36 Radar Chronograph Aiming System with the Aiming System of a Weapon to be Calibrated Using the Aiming Circle Method
061-280-2903	Reduce the M36 Radar Chronograph Readout Velocity to Calibrated Muzzle Velocities Using Manual Methods

WHEELED/TRACKED VEHICLE OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	0%
Speaking	0%
Reading	0%
Writing	0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, labels, signs, definitions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given DA forms and vehicle logbook
STANDARDS:	100% legible written communication

III. TASK NUMBERS AND TITLES

551-721-1007	Perform Before-Operation Maintenance
551-721-1008	Perform During-Operation Maintenance
551-721-1009	Perform After-Operation Maintenance
551-721-1003	Prepare DA Form 2408-1 (Equipment Daily or Monthly Log) Daily
551-721-1016	Drive Vehicle in Motor March or Convoy
551-721-1837	Start the Engine of a Vehicle Using Auxilliary Power from an Outside Source

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

- TASK:** Understand oral language intended to inform or instruct.
- CONDITIONS:** Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

- TASK:** Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.
- CONDITIONS:** Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)
- STANDARDS:** 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

TASK: Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding of written content.

The following are specific conditions found in this language task:

Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the
Department of the Army in 1980.

YOUR CURRENT MOS: _____
(PRESENT WORKING IN) _____

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

*RATING: 1=low
2=me
3=high

YES
NO
IS TASK
TAUGHT?

IMPORTANCE
OF:
LISTENING*
SPEAKING*
READING*
WRITING*

HOW
TAUGHT
LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON

YES
NO
IS TASK
TESTED?

TESTED?
PERFORM
RESULT:
DANGER
EQUIP:
WRITTEN
ORAL
PERFORMANCE
PERSON

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

[illegible]

[illegible]

RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	UNIT
writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	difficult? tested?
MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____				
writing reading speaking listening	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	difficulty? tested? taught?
TASK NUMBER				

PAGE OF		DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
UNIT	difficult?		
	tested?		
NOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____			
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
ALT	difficult?		
	tested?		
	taught?		
EVALUATION			

PAGE OF		DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
UNIT	difficult?		
	tested?		
NOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____			
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
AIT	difficult?		
	tested?		
	thought?		
DATE: _____			

TASK		TRAINING SPECIALIST	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
UNIT	difficult?		
	tested?		
MOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____			
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands on		
	demonstration		
	lecture		
CRITICALITY	danger to person or equipment		
	importance		
AIT	difficult?		
	tested?		
	important?		
72-5 100004			

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		UNIT	
writing		written		self-paced		danger to person or equipment		difficult?	
reading		oral		hands-on		importance		tested?	
speaking		performance		demonstration					
listening				lecture					

NOS: _____ NUMBER OF RESPONSES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing		written		self-paced		danger to person or equipment		difficult?	
reading		oral		hands on		importance		tested?	
speaking		performance		demonstration				taught?	
listening				lecture					

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

DATA OBTAINED FROM:		TRAINING SPECIALIST:	
RATING OF ELS	writing reading speaking listening		
METHODS OF TESTING	written oral performance		
METHODS OF TEACHING	self-paced hands-on demonstration lecture		
CRITICALITY	danger to person or equipment importance		
UNIT	difficult? tested?		
MOS: _____ NUMBER OF RESPONSES: _____			
DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
RATING OF ELS	writing reading speaking listening		
METHODS OF TESTING	written oral performance		
METHODS OF TEACHING	self-paced hands on demonstration lecture		
CRITICALITY	danger to person or equipment importance		
AIT	difficult? tested? RL?		
22-1			

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ILS	
				WRITING	READING
1	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	1	1
2				1	1
3				1	1
4				1	1
5				1	1
6				1	1
7				1	1
8				1	1
9				1	1
10				1	1
11				1	1
12				1	1
13				1	1
14				1	1
15				1	1
16				1	1
17				1	1
18				1	1
19				1	1
20				1	1
21				1	1
22				1	1
23				1	1
24				1	1
25				1	1
26				1	1
27				1	1
28				1	1
29				1	1
30				1	1
31				1	1
32				1	1
33				1	1
34				1	1
35				1	1
36				1	1
37				1	1
38				1	1
39				1	1
40				1	1
41				1	1
42				1	1
43				1	1
44				1	1
45				1	1
46				1	1
47				1	1
48				1	1
49				1	1
50				1	1
51				1	1
52				1	1
53				1	1
54				1	1
55				1	1
56				1	1
57				1	1
58				1	1
59				1	1
60				1	1
61				1	1
62				1	1
63				1	1
64				1	1
65				1	1
66				1	1
67				1	1
68				1	1
69				1	1
70				1	1
71				1	1
72				1	1
73				1	1
74				1	1
75				1	1
76				1	1
77				1	1
78				1	1
79				1	1
80				1	1
81				1	1
82				1	1
83				1	1
84				1	1
85				1	1
86				1	1
87				1	1
88				1	1
89				1	1
90				1	1

MOS: _____ NUMBER OF RESP' SES: _____

DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____

[illegible]

		TRAINING SPECIALIST																				
RATING OF ELS	writing																					
	reading																					
	speaking																					
	listening																					
METHODS OF TESTING	written																					
	oral																					
	performance																					
METHODS OF TEACHING	self-paced																					
	hands-on																					
	demonstration																					
	lecture																					
CRITICALITY	danger to person or equipment																					
	importance																					
UNIT	difficult?																					
	tested?																					
MOS: _____ NUMBER OF RESPONSES: _____																						
DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____																						
RATING OF ELS	writing																					
	reading																					
	speaking																					
	listening																					
METHODS OF TESTING	written																					
	oral																					
	performance																					
METHODS OF TEACHING	self-paced																					
	hands on																					
	demonstration																					
	lecture																					
CRITICALITY	danger to person or equipment																					
	importance																					
ATT	difficult?																					
	tested?																					
	taught?																					
SIGNATURE																						

1-5		DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands-on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
UNIT	difficult?				
	tested?				
MOS: _____ NUMBER OF RESPONSES: _____ DATA OBTAINED FROM: _____ TRAINING SPECIALIST: _____					
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
AIT	difficult?				
	tested?				
	taught?				
TASK NUMBER					

	RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	UNIT	NOS:	NUMBER OF RESPONSES:	DATA OBTAINED FROM:	TRAINING SPECIALIST:
	writing	written oral performance	self-paced hands-on demonstration lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				
	ttested?								
	writing	written oral performance	self-paced hands on demonstrat ion lecture	danger to person or equipment importance	difficult?				

PAGE		DATE		TIME	
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands-on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
UNIT	difficult?				
	tested?				
MOS: _____		NUMBER OF RESP. SES: _____			
DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____			
RATING OF ELS	writing				
	reading				
	speaking				
	listening				
METHODS OF TESTING	written				
	oral				
	performance				
METHODS OF TEACHING	self-paced				
	hands on				
	demonstration				
	lecture				
CRITICALITY	danger to person or equipment				
	importance				
AIT	difficult?				
	tested?				
	unit?				
TALENT					

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	MOS: _____		NUMBER OF RESPONSES: _____	
					DATA OBTAINED FROM: _____		TRAINING SPECIALIST: _____	
1.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
2.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
3.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
4.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
5.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
6.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
7.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
8.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
9.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1
10.0	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	1	1	1	1
				reading	1	1	1	1
				speaking	1	1	1	1
				listening	1	1	1	1

APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

PERCENTAGE LANGUAGE SKILLS
MOS 136

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = number of variables in the cluster
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR}{T + (T)(V)(R)} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
FIRST AID 081-831-1001 1002 1004 1005 1009	$5 \times 5 \times 5 = 125$ 11 9 11 11 8 <u>50</u> $125 \overline{) 50.000}$	$5 \times 2 \times 5 = 50$ 5 8 <u>13</u> $50 \overline{) 13.000}$	$5 \times 3 \times 5 = 75$ 0 8 8 <u>16</u> $75 \overline{) 16.000}$	$5 \times 4 \times 5 = 100$ 9 0 8 5 <u>22</u> $100 \overline{) 22.000}$
	40%	26%	21%	22%
NBC	$11 \times 5 \times 5 = 275$ 20 13 20 20 13 <u>86</u> $275 \overline{) 86.000}$	$11 \times 2 \times 5 = 110$ 7 16 <u>23</u> $110 \overline{) 23.000}$	$11 \times 3 \times 5 = 165$ 0 2 5 <u>18</u> $165 \overline{) 28.000}$	$11 \times 4 \times 5 = 220$ 13 0 12 10 <u>35</u> $220 \overline{) 35.000}$
	31%	21%	17%	16%
INDIVIDUAL FITNESS 071-377-0201	$1 \times 5 \times 5 = 25$ 1 0 2 2 3 <u>8</u> $25 \overline{) 8.000}$	$1 \times 2 \times 5 = 10$ 0 1 <u>1</u> $10 \overline{) 1.000}$	$1 \times 3 \times 5 = 15$ 1 0 0 <u>1</u> $15 \overline{) 1.000}$	$1 \times 4 \times 5 = 20$ 0 1 0 0 <u>1</u> $20 \overline{) 1.000}$
	32%	10%	7%	5%
				17

PERCENTAGE LANGUAGE SKILLS
MOS 136

total number of responses to variables in the cluster
T = number of tasks in the cluster
V = number of variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
BASIC INDIVIDUAL TECHNIQUES 071-326-5703 071-326-0501	$2 \times 5 \times 2 = 20$ 00000 0	$2 \times 2 \times 2 = 8$ 000 0	$2 \times 3 \times 2 = 12$ 0000 0	$2 \times 4 \times 2 = 16$ 00000 0
	0%	0%	0%	0%
CAMOUFLAGE 051-262-1001 1002 1003	$3 \times 5 \times 5 = 75$ 3 2 4 3 2 14 $75 \overline{) 14.000} \quad .187$	$3 \times 2 \times 5 = 30$ 2 2 4 $30 \overline{) 4.000} \quad .133$	$3 \times 3 \times 5 = 45$ 3 3 3 3 3 15 $45 \overline{) 4.000} \quad .089$	$3 \times 4 \times 5 = 60$ 2 0 2 2 6 6 $60 \overline{) 6.000} \quad .100$
	19%	13%	9%	10%
SECURITY AND INTELLIGENCE 071-331-0801 071-331-0803	$2 \times 5 \times 4 = 40$ 3 1 3 3 2 12 $40 \overline{) 12.000} \quad .30$	$2 \times 2 \times 4 = 16$ 2 2 4 $16 \overline{) 4.000} \quad .25$	$2 \times 3 \times 4 = 24$ 0 1 2 3 3 9 $24 \overline{) 3.000} \quad .125$	$2 \times 4 \times 4 = 32$ 1 0 1 2 4 4 $32 \overline{) 4.000} \quad .125$
	30%	25%	13%	13%

78

PERCENTAGE LANGUAGE SKILLS
NOS 136

FORM 4	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LAND NAV 160700	$13 \times 5 \times 5 = 325$ $\begin{array}{r} 15 \\ 15 \\ 27 \\ 23 \\ 16 \\ \hline 96 \end{array}$ $325 \overline{) 96.000} \begin{array}{l} .295 \\ .115 \end{array}$	$13 \times 2 \times 5 = 130$ $\begin{array}{r} 0 \\ 15 \\ 15 \\ \hline 15 \end{array}$ $130 \overline{) 15.000} \begin{array}{l} .115 \\ .115 \end{array}$	$13 \times 3 \times 5 = 195$ $\begin{array}{r} 0 \\ 13 \\ 16 \\ 29 \\ \hline 29 \end{array}$ $195 \overline{) 29.000} \begin{array}{l} .149 \\ .149 \end{array}$	$13 \times 4 \times 5 = 260$ $\begin{array}{r} 15 \\ 0 \\ 13 \\ 15 \\ 43 \\ \hline 43 \end{array}$ $260 \overline{) 43.000} \begin{array}{l} .165 \\ .165 \end{array}$
	30%	12%	15%	17%
M16A1 RIFLE 071-311-2007 2003 2001 2004	$4 \times 5 \times 5 = 100$ $\begin{array}{r} 4 \\ 8 \\ 12 \\ 8 \\ 12 \\ \hline 44 \end{array}$ $100 \overline{) 44.000} \begin{array}{l} .44 \\ .44 \end{array}$	$4 \times 2 \times 5 = 40$ $\begin{array}{r} 0 \\ 7 \\ 7 \\ \hline 7 \end{array}$ $40 \overline{) 7.000} \begin{array}{l} .175 \\ .175 \end{array}$	$4 \times 3 \times 5 = 60$ $\begin{array}{r} 0 \\ 3 \\ 8 \\ 11 \\ \hline 11 \end{array}$ $60 \overline{) 11.000} \begin{array}{l} .183 \\ .183 \end{array}$	$4 \times 4 \times 5 = 80$ $\begin{array}{r} 8 \\ 0 \\ 3 \\ 4 \\ 15 \\ \hline 15 \end{array}$ $80 \overline{) 15.000} \begin{array}{l} .1875 \\ .1875 \end{array}$
	44%	18%	18%	19%
LAW 071-314-2701 2701 2703	$3 \times 5 \times 4 = 60$ $\begin{array}{r} 1 \\ 4 \\ 4 \\ 3 \\ 15 \\ \hline 15 \end{array}$ $60 \overline{) 13.000} \begin{array}{l} .217 \\ .217 \end{array}$	$3 \times 2 \times 4 = 24$ $\begin{array}{r} 0 \\ 3 \\ 3 \\ \hline 3 \end{array}$ $24 \overline{) 3.000} \begin{array}{l} .125 \\ .125 \end{array}$	$3 \times 3 \times 4 = 36$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $36 \overline{) 1.000} \begin{array}{l} .028 \\ .028 \end{array}$	$3 \times 4 \times 4 = 48$ $\begin{array}{r} 1 \\ 0 \\ 0 \\ 1 \\ 12 \\ \hline 12 \end{array}$ $48 \overline{) 2.000} \begin{array}{l} .042 \\ .042 \end{array}$
	22%	13%	3%	4%
				79

IK = total number of responses to variables in the cluster
 T = number of tasks in the cluster
 V = variable
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
MOS 13E

FORMULA

LISTENING

SPEAKING

READING

WRITING

$$TR + (T)(V)(R) = \%$$

- demonstration
- lecture
- hands-on
- performance (test)
- rating (scale)

- oral (test)
- rating (scale)

- self-paced
- written (test)
- rating (scale)

- lecture
- self-paced
- written (test)
- rating (scale)

Cluster

5 = 100%

2 = 100%

3 = 100%

4 = 100%

GRENADES

$$4 \times 5 \times 4 = 80$$

$$4 \times 2 \times 4 = 32$$

$$4 \times 3 \times 4 = 48$$

$$4 \times 4 \times 4 = 64$$

$$\begin{array}{r} 1 \\ 1 \\ 3 \\ 3 \\ 1 \\ \hline 9 \end{array} \quad \begin{array}{r} .113 \\ 80 \overline{) 9.000} \end{array}$$

$$\begin{array}{r} 0 \\ 1 \\ \hline 1 \end{array} \quad \begin{array}{r} .031 \\ 32 \overline{) 1.000} \end{array}$$

$$\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array} \quad \begin{array}{r} .021 \\ 48 \overline{) 1.000} \end{array}$$

$$\begin{array}{r} 1 \\ 0 \\ 0 \\ 1 \\ \hline 2 \end{array} \quad \begin{array}{r} .064 \\ 64 \overline{) 2.000} \end{array}$$

071-311-2104
2101

071-325-1401-2

11%

3%

2%

3%

MINES

$$2 \times 5 \times 2 = 20$$

$$2 \times 2 \times 2 = 8$$

$$2 \times 3 \times 2 = 12$$

$$2 \times 4 \times 2 = 16$$

$$\begin{array}{r} 0 \\ 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 0 \\ 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 0 \\ 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$$

05-112-1105
1-13

0%

0%

0%

0%

LEADERSHIP

$$1 \times 5 \times 4 = 20$$

$$1 \times 2 \times 4 = 8$$

$$1 \times 3 \times 4 = 12$$

$$1 \times 4 \times 4 = 16$$

$$\begin{array}{r} 2 \\ 2 \\ 2 \\ 1 \\ \hline 2 \\ 9 \end{array} \quad \begin{array}{r} .450 \\ 20 \overline{) 9.000} \end{array}$$

$$\begin{array}{r} 1 \\ 2 \\ \hline 3 \end{array} \quad \begin{array}{r} .375 \\ 8 \overline{) 3.000} \end{array}$$

$$\begin{array}{r} 1 \\ 1 \\ 2 \\ \hline 4 \end{array} \quad \begin{array}{r} .333 \\ 12 \overline{) 4.000} \end{array}$$

$$\begin{array}{r} 2 \\ 1 \\ 1 \\ 2 \\ \hline 6 \end{array} \quad \begin{array}{r} .166 \\ 16 \overline{) 2.660} \end{array}$$

071-311-5221

45%

38%

27%

21%

80

IK = total number of responses to variables in the cluster
T = number of tasks in cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 136

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
1460 MACHINE-GUN 071-312-3001, 5, 27 571-312-2320 441-099-1001	$6 \times 5 \times 4 = 120$ $\begin{array}{r} 2 \\ 2 \\ 6 \\ 4 \\ 1 \\ \hline 15 \end{array}$ $120 \overline{) 15.000} \quad .125$	$6 \times 2 \times 4 = 48$ $\begin{array}{r} 0 \\ 0 \\ 0 \\ \hline 0 \end{array}$	$6 \times 3 \times 4 = 72$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $72 \overline{) 1.000} \quad .014$	$6 \times 4 \times 4 = 96$ $\begin{array}{r} 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ \hline 2 \end{array}$ $96 \overline{) 2.000} \quad .021$
	13%	0%	1%	2%
MANUAL FIRE DISSECTION PROCEDURES	$57 \times 5 \times 6 = 1710$ $\begin{array}{r} 160 \\ 164 \\ 195 \\ 163 \\ 177 \\ \hline 859 \end{array}$ $1710 \overline{) 502.000} \quad .502$	$57 \times 2 \times 6 = 684$ $\begin{array}{r} 14 \\ 137 \\ \hline 151 \end{array}$ $684 \overline{) 151.000} \quad .221$	$57 \times 3 \times 6 = 1026$ $\begin{array}{r} 4 \\ 169 \\ 146 \\ \hline 319 \end{array}$ $1026 \overline{) 319.000} \quad .311$	$57 \times 4 \times 6 = 1368$ $\begin{array}{r} 164 \\ 4 \\ 169 \\ 134 \\ \hline 471 \end{array}$ $1368 \overline{) 471.000} \quad .345$
	50%	22%	31%	34%
FADAC OPERATIONS	$17 \times 5 \times 6 = 510$ $\begin{array}{r} 45 \\ 27 \\ 45 \\ 42 \\ 40 \\ \hline 199 \end{array}$ $510 \overline{) 199.000} \quad .390$	$17 \times 2 \times 6 = 204$ $\begin{array}{r} 1 \\ 28 \\ \hline 29 \end{array}$ $204 \overline{) 29.000} \quad .142$	$17 \times 3 \times 6 = 306$ $\begin{array}{r} 0 \\ 2 \\ 40 \\ \hline 42 \end{array}$ $306 \overline{) 42.000} \quad .137$	$17 \times 4 \times 6 = 408$ $\begin{array}{r} 27 \\ 0 \\ 2 \\ 17 \\ \hline 46 \end{array}$ $408 \overline{) 46.000} \quad .113$
	29%	14%	14%	11%
				81

T = number of responses to variables in the cluster
 V = number of variables
 R = number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 13E

FOI LA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
SUPERVISOR OF FABAC OPERATIONS	$10 \times 5 \times 6 = 300$ $\begin{array}{r} 11 \\ 7 \\ 15 \\ 14 \\ 15 \\ \hline 62 \end{array}$ $300 \overline{) 62.000} \quad .207$	$10 \times 2 \times 6 = 120$ $\begin{array}{r} 0 \\ 11 \\ \hline 11 \end{array}$ $120 \overline{) 11.000} \quad .092$	$10 \times 3 \times 6 = 180$ $\begin{array}{r} 1 \\ 0 \\ 11 \\ \hline 12 \end{array}$ $180 \overline{) 12.000} \quad .067$	$10 \times 4 \times 6 = 240$ $\begin{array}{r} 7 \\ 1 \\ 0 \\ 7 \\ \hline 15 \end{array}$ $240 \overline{) 15.000} \quad .063$
	21%	9%	7%	6%
FIELD COMMUNICATIONS	$23 \times 5 \times 6 = 690$ $\begin{array}{r} 26 \\ 21 \\ 39 \\ 33 \\ 36 \\ \hline 155 \end{array}$ $690 \overline{) 155.000} \quad .225$	$23 \times 2 \times 6 = 276$ $\begin{array}{r} 9 \\ 33 \\ \hline 42 \end{array}$ $276 \overline{) 42.000} \quad .152$	$23 \times 3 \times 6 = 414$ $\begin{array}{r} 0 \\ 15 \\ 31 \\ \hline 46 \end{array}$ $414 \overline{) 46.000} \quad .111$	$23 \times 4 \times 6 = 552$ $\begin{array}{r} 21 \\ 0 \\ 15 \\ 22 \\ \hline 58 \end{array}$ $552 \overline{) 58.000} \quad .105$
	23%	15%	11%	11%
OPERATIONS SPECIALIST	$4 \times 5 \times 0 = 0$	$4 \times 2 \times 0 = 0$	$4 \times 3 \times 0 = 0$	$4 \times 4 \times 0 = 0$
	0%	0%	0%	0%
				82

Local number of responses to variables in the cluster
T = number of tasks in a cluster
V = variables
R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS
NOS 13E

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
MONOGRAPH RELATOR	3X5X0 = 0	3X2X0 = 0	3X1X0 = 0	3X4X0 = 0
	0%	0%	0%	0%
SENIOR COMMANDER RELATOR	4X5X0 = 0	4X2X0 = 0	4X3X0 = 0	4X4X0 = 0
	0%	0%	0%	0%
UNARMED/ TRACKED VEHICLE OPERATOR	1X5X0 = 0	6X2X0 = 0	6X3X0 = 0	6X4X0 = 0
	0%	0%	0%	0%
				83

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = number of respondents in any task in that cluster

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

SUBJECT

* TASK NUMBER IF KNOWN

Physical Environment of Instruction

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)
(Warehouse size)
- D. Other
- E. Comments:

Styles of Communication Instructor, Verbal or

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- I. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Aimulate
- H. Real equipment
- I. Transparencies
- J. Tape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q. Other
- R. Comments:

Mode of Response

- A. Manipulating a piece of equipment/dev
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other
- Comments:

Instructional Ratio

- A. Instructor, one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the
- D. Small (12 or less)
- E. Large (more than 12)

Teacher

Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

AD-A121 096

JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 13E
CANNON FIRE DIRECTION S. (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 28 SEP 79

272

UNCLASSIFIED

F/G 5/9

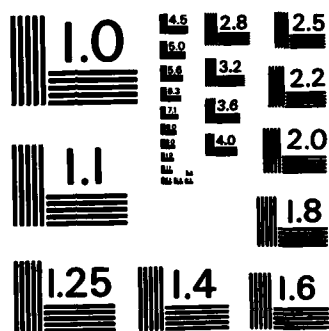
NL

END

FORMED

4

DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

Revised/w/5
DATA CONTROL NUMBER 100 00 / PROJE

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

w FA
1581

~~Extra~~
Extra



WORD FREQUENCY
MOS 13E
SKILL LEVEL 1

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 107
1 Jul 75, which is obsolete

COPY ____ OF ____ COPIES

1 THE	1 6	16 +	1 6
2	44 -	6 --	1 -20M
1 -35	1 -4	1 -50	2 -50/3
2 /GR	2 /GR	1 'LIVE'	1 -
1 A-CIVITY	1 A-CIVITY	3 AB-35	1 AB-501/PMC
1 AB-591/	1 AB-591/	1 ABC-M25A2	4 ABILITY
2 ABOUT	2 ABOUT	14 ABOVE	3 AC
2 ACCEPTABLE	2 ACCEPTABLE	7 ACCESSORIES	1 ACCESSORY
1 ACCIDENTALLY	1 ACCIDENTALLY	1 ACCOMPANIED	2 ACCOMPLISHED
2 ACCORDING	2 ACCORDING	1 ACCORDINGLY	3 ACTUACY
5 ACCURATELY	5 ACCURATELY	1 ACETATE	3 ACUTE
2 ACID	2 ACID	6 ACP	21 ACTION
4 ACTIONS	4 ACTIONS	1 ACTIVITIES	3 ACTIVITY
1 ACTUM	1 ACTUM	2 ACTUATE	29 ADAPTER
4 ADAPTERS	4 ADAPTERS	1 ADM	15 ADD
3 ADD/DROP	3 ADD/DROP	2 ADDITION	2 ADDITIONAL
8 ADDRESS	8 ADDRESS	1 ADEQUATE	1 ADHERENCE
1 ADJACENT	1 ADJACENT	18 ADJUSTED	2 ADJUSTING
17 ADJUSTMENT	17 ADJUSTMENT	3 AFFIAL	1 AFFECT
49 AFTER	49 AFTER	1 AGAIN	6 AGAINST
1 AGE	2 AGREE	1 AGREES	2 AHEAD
1 AIDED	10 AIM	4 AIMED	18 AIMING
6 AIR	1 AIRBOURST	1 AIRMISTS	1 AIRCRAFT
5 ALARM	1 ALIGN	2 ALIGNED	3 ALIGNMENT
5 ALINE	7 ALIGNMENT	1 ALINGS	1 ALINING
90 ALL	1 ALL-ROUND	2 ALIOW	1 ALLOWED III
2 ALLOWING	1 ALMOST	6 ALONG	2 ALPHA
2 ALREADY	9 ALSO	3 ALT	1 ALTERNATE
1 ALTERNATIVE	35 ALTITUDE	4 ALWAYS	1 AM
2 AM-1700	3 AM-2060/GRC	3 AM-2060/GRC	3 AM-2060A/GRC
1 AM-4970	4 AMMO	23 AMMUNITION	1 AMP
1 AMPLIFIER	20 AMPLIFIER-POWER	117 AM	8 AN/GRA-39
1 AM/GRC-125	2 AN/GRC-160	1 AN/VIC-1	1 AN/PRC-25
2 AN/PRC-77	1 AN/PRC-77	1 AN/VRC-46	2 AN/VIC-1
1 AN/VRC	5 AN/VRC-46	1 AM/VRC-47	1 AN/VRC-47
1 AN/VRC-53	4 AN/VRC-64	2 AN/VRC-12	4 AN/VRC-46
2 ANCHOR	837 AND	2 AN/DR	24 ANGLE
1 ANCHLES	5 ANCHURCE	7 ANCHURCED	5 ANNUAL
2 AND	10 ANOTHER	12 ANSWER	6 ANSWERS
2 ANT	91 ANTENNA	2 ANTENNAS	1 ANTIJAMMING
5 ANTISENSE	26 ANY	1 ANYTHING	1 ANYTIME
5 APART	1 APERTURE	3 APP	1 APPARENT
2 APPEARS	2 APPENDIX	10 APPLCABLE	4 APPLIED
13 APPLY	1 APPLYING	1 APPROACH	2 APPROACHED
13 APPROPRIATE	20 APPROPRIATELY	3 AR	1 ARCTIC
74 ARF	25 AREA	4 AREAS	8 ARN
7 ARHMC	3 ARMORER	7 ARMS	2 ARMY
6 ARHMC	1 ARRANGED	2 ARROW	1 ARROWS
1 APS	5 ARTILLERY	104 AS	1 AS-L720/VRC
2 AS-1700/VRC	3 ASK	1 ASP	5 ASSEMBLE

7 ASSEMBLED	1 ASSEMBLY	27 ASSEMBLY	17 ASSIGNED
1 ASSIGNMENT	1 ASSIST	11 ASSISTANCE	1 ASSISTANT
1 ASSISTANTS	1 ASSISTIN	2 ASSOCIATED	1 ASSUME
3 ASSURE	11 AT	4 AT-OL2/VRC	1 AT-912/VRC
4 AT-984/VG	11 ATTACK	11 ATTACHED	2 ATTACHING
1 ATTACHMENTS	1 ATTACK	11 ATTEMPT	2 ATTEMPTING
3 AUG	1 AUGMENT	4 AUGMENT	2 AUG
2 AUGUST	2 AUTHENTICATION	1 AUTHORITIES	1 AUTHORIZED
5 AUTOMATIC	3 AUTOMATICALLY	5 AUXILIARY	16 AVAILABLE
1 AVENUES	3 AVERAGE	3 AVOID	6 AWAY
1 AZ	46 AZIMUTH	6 AZIMUTHS	117 A
1 B-1	1 B-3	4 BA-30	17 BACK
6 BACK-PWR	1 BACK-RING	6 BACKBLAST	2 BACKUP
1 BAG	5 BAIL	1 BALL	1 BALLISTICALLY
1 BALLYPOINT	1 BAND	3 BANDOILER	1 BANDOILERS
1 BAR	1 BARRED	16 BARREL	18 BARSE
1 BASEBALL	4 BASED	5 BASIC	1 BATTALION
1 BATTERY	10 BATTERIES	31 BATTERY	2 BATTLEFIELD
204 BE	1 BEATEN	1 BECAUSE	1 BECOME
26 BEGUN	17 BEFOR	2 BEFOPE-OPERATION	1 BEGINNING
1 BEGUN	2 BEHIND	7 BEING	18 BELOW
2 BELT	1 BELTS	1 BELTEN	2 BEND
2 BENT	1 BEST	24 BETWEEN	2 BEND
3 BIT	4 BITING	3 BINGULAPS	2 BEND
3 BIPOD-MOUNTED	5 BLACK	2 BLACKOUT	1 BIPOD
4 BLANK	25 BLASTING	1 BLACK	4 BLADE
2 BN	8 BODY	2 BODY-TARGET	2 BLICKS
1 BOLT	1 BOUNDRIES	1 BOW	5 BOLT
2 BOUT	14 BOUR	14 BOW	1 BOUNCES
1 BOUNDING	3 BRACKETING	21 BOX	13 BOTTOM
9 BRACKET	1 BRANCHES	1 BRAKE	1 BRAKES
1 BRACING	1 BREAKS	1 BRAVO	7 BREAK
4 BREAKER	1 BRIEFLY	1 BREATHE	2 BREATHTING
5 BREECH	1 BROKEN	2 BRIGADE	1 BRIGHT
3 BRING	4 BUILDING	4 BRUSH	3 BRUSH
1 BUDY	1 BURN	1 BULLET	1 BUMPER
5 BUNKER	1 BURN	5 BURST	1 BUSTING
1 BURSTS	1 BURY	1 BURST	2 BUSTING
10 BUT	9 BUTTON	29 BUTTONS	2 BUTTER
125 BY	94 C	1 C-RATION	5 C-2298
1 CAR	30 CARLE	1 CARLES	45 CALI
23 CALLED	23 CALLING	7 CALLS	25 CAM
1 CANNON	13 CANNOT	1 CANVAS	33 CAP
1 CAPABILITIES	2 CAPABILITY	1 CAPABLE	3 CAPS
1 CAPTURED	10 CARD	1 CARF	1 CAREFUL
7 CARPENTRY	1 CARING	1 CARR	1 CARRIER
11 CARPENTRY	1 CARRYING	1 CARTRIDGES	7 CASE
2 CASUALTIES	1 CASUALTY	1 CATCH	7 CAUSE
1 CAUSE	1 CAUSING	12 CAUTION	2 CAUTIONS
7 CAVE	2 CB	2 CRS	1 CR

DATE 11203 1423 PAGE
COUNT 4 MTR04MTR WORD LISTING/ASCENDING SEQUENCE
COUNT 3 MTR03

COUNT 1 MTR01

14 CENTER
 1 CFGI/
 4 CH
 2 CHANGED
 1 CHANNELS
 14 CHARGE
 1 CHARTS
 17 CHECKS
 1 CHIN
 1 CHRONOLOGICAL
 1 CIVILIAN
 1 CLASHING
 3 CLAYMORT
 4 CLEAMTHRESS
 1 CLEAMER
 1 CLINATIC
 3 CLOSEST
 2 CLOTHING
 2 CLOTH
 7 COLLAPSE
 11 COLUMN
 4 COMBINED
 5 COMPANYMENTS
 4 COMMUNICATIONS
 1 COMPARTMENTS
 14 COMPLETE
 4 COMPLETION
 2 COMPRESS
 2 CONCENTRATE
 1 CONCLUSION
 1 CONDUCTIONS
 12 CONFERENCE
 4 CONNECTED
 27 CONNECTED
 1 CONSISTING
 1 CONSPIRACY
 4 CONTAIN
 3 CONTAMINATION
 1 CONTINUED
 2 CONTINUED
 5 CONVERSION
 5 CONVOY
 20 COORDINATES
 1 COPY
 2 CORPERS
 2 CORRECTION
 7 CORRECTLY
 1 CORROSION
 2 COURTYARDWISE
 3 CENTERED
 4 CERTAIN
 6 CHALLENGE
 97 CHAP
 1 CHARGES
 2 CHATTER
 5 CHG
 1 CHIPPING
 9 CIRCUIT
 4 CL
 1 CLASSIFICATION
 21 CLEAM
 17 CLEAR
 1 CLEARS
 10 CLIP
 1 CLOSING
 1 CLUSTERED
 1 COCKED
 1 COLLECT/REPORT
 6 COMBAT
 4 COME
 2 COMING
 1 COMMUNICATIONS
 2 COMP
 16 COMPASS
 6 COMPLETED
 1 COMPLETION
 4 COMPLETION
 1 CONCERNED
 1 CONCLUSIONS
 4 CONDUCT
 1 CONFERENCE
 3 CONNECTING
 5 CONNECTORS
 3 CONSISTS
 1 CONSTRUCTING
 1 CONTAINED
 1 CONTENTS
 1 CONTINUED
 30 CONTROL
 8 CONVERT
 3 CONVEY
 2 COORDINATING
 21 CORD
 3 CORR
 1 CORRECTING
 1 CORRELATED
 4 CORROSION
 1 COUNTERJAMMING
 2 CENTERS
 1 CG-107/U
 2 CHAMBER
 2 CHANGING
 1 CHAPTER
 3 CHARLIE
 101 CHECK
 1 CHECKER
 1 CHIEF
 1 CIRCUMSTANCES
 2 CLAMP
 1 CLASSIFIED
 4 CLEANER
 3 CLEARED
 4 CLEAT
 18 CLUSE
 6 CLOTH
 2 CLOTH
 2 CLUTCH
 2 COCKING
 1 COLLECTING
 6 COMBINATION
 1 COMBS
 4 COMMAND
 5 COMMUNICATE
 5 COMPANY
 1 COMPATIBLE
 1 COMPLETELY
 6 COMMENTS
 16 COMPUTE
 1 CONCISE
 12 CONDITION
 2 CONDUCTED
 3 CONFIGURATION
 1 CONFECTION
 1 CONSIDER
 1 CONSOLIDATION
 1 CONSIST
 2 CONTAINERS
 1 CONTINGENCY
 1 CONTINUES
 1 CONTINUED
 1 CONVERTED
 4 COMPLANT
 2 COMPS
 40 CORRECT
 6 CORRECTION
 1 CORRESPONDENCE
 7 COUNCIL
 1 COUNCILING
 4 CENI
 1 CG-1773/U
 6 CHANGE
 2 CHANNEL
 6 CHAPTER
 7 CHART
 2 CHECKING
 7 CHIEF
 25 CHRONOGRAPH
 1 CIVIL
 7 CLAMPS
 1 CLASSROOM
 14 CLEANING
 2 CLEARING
 3 CLEATS
 4 CLOSER
 1 CLOTHES
 5 COAT
 1 COINCIDES
 1 COLOR
 1 COMBINATIONS
 1 COMFORTABLE
 7 COMMANDER
 3 COMMUNICATION
 1 COMPARTMENT
 1 COMPENSATE
 1 COMPLETENESS
 2 COMPOUND
 12 COMPUTER
 1 CONCEIVELY
 92 CONDITIONS
 2 CONDUCTOR
 39 CONNECT
 4 CONNECTIONS
 2 CONSIDERED
 1 CONSTANT
 4 CONTACT
 4 CONTAINING
 1 CONTINUALLY
 2 CONTINUITY
 4 CONTROLS
 1 CONVEY
 17 COORDINATE
 1 COPIES
 3 CORNER
 1 CORRECTION
 18 CORRECTIONS
 2 CORRESPONDING
 1 COUNT
 1 CUNSE

30 COVER	1 COVERAGE	1 COVERING	1 COVERING
2 COVERS	1 CPX	3 CRACKED	4 CRADLE
3 CREEPING	7 CREW	2 CRIMP	1 CRIMPED
4 CRIMPERS	1 CRITICAL	5 CROSS	3 CROSSES
1 CROSSTIE	1 CRUD	2 CRUSHED	1 CURE
8 CURRENT	1 CURVED	5 CUT	2 C-10539/11
1 CX-4655/GRG	3 CX-4722/VRC	1 CYCLIC	1 CY-2562/PAC-25
2 CYCLE	1 D-10	3 CL	65 D
2 D-RING	1 D-12	1 D-14	1 D-14
1 D-2	1 D-3	1 D-4	34 DA
14 DAILY	12 DAMAGE	6 DAMAGED	1 DAMAGES
1 DAPP	5 DANGER	1 DANGEROUS	1 DANGERS--MAKE
1 DANGERS	1 DARK	2 DARKNESS	77 DATA
4 DATE	2 DAY	6 DAYLIGHT	3 DC
1 DRESS	3 DEAD	2 DEATH	3 DEC
2 DECALS	2 DECIMAL	1 DECISION	1 DECI
3 DECLINATION	2 DECLINATION	1 DECREASED	1 DEEP
2 DEFECTIVE	3 DEFECTS	1 DEFENSE	3 DEFENSIVE
1 DEFICIENCIES	2 DEFICIENCIES/SHORTCOMINGS	1 DEFICIENTLY	2 DEFICIENT
10 DEFLECTION	1 DEFUZE	4 DEGREE	6 DEGREES
1 DEFILING	5 DELAY	1 DELIVERED	4 DELTA
1 DEMOLITIONS	1 DEMONSTRATE	2 DENSE	2 DENSELY
5 DENTEN	2 DEPENDING	1 DEPENDS	17 DEPRESS
14 DEPRESSING	1 DEPRESSION	4 DEPTH	4 DRIVE
1 DECHARGE	2 DESCRIBE	3 DESCRIBED	1 DESCRIBES
3 DESCRIPTION	1 DESCRIPTIVE	13 DESIGNATED	3 DESIGNATION
2 DESIGNATION	1 DESIRABLE	13 DESIRED	1 DESK
1 DESPINE	1 DESIGNED	2 DESTROY	2 DESTROYED
1 DETAIL	1 DETECTION	4 DETENT	1 DETERMINATION
4 DETERMINATION	62 DETERMINE	7 DETERMINED	2 DETERMINING
1 DETONATE	1 DETONATOR	10 DETONATING	2 DETONATION
5 DETONATOR	11 DEVIATION	35 DEVICE	4 DF
5 DIAGRAM	2 DIAL	1 DIAMETER	3 DIFFERENCE
1 DIFFERENT	2 DIGGING	3 DIGIT	2 DIGITAL
5 DIGITS	1 DIODES	5 DIR	4 DIRECT
1 DIRECTED	34 DIRECTION	2 DIRECTIONS	4 DIRECTLY
4 DIRT	3 DIRTY	3 DISARM	1 DISARMED
1 DISARMING	1 DISASSEMBLED	5 DISASSEMBLY	3 DISCARD
1 DISCARDED	11 DISCONNECT	3 DISCONNECTED	1 DISCONNECTING
2 DISCONNECTS	1 DISCARGES	3 DISASTANTLE	2 DISJOINT
1 DISJOINTED	2 DISPATCH	1 DISPATCHED	2 DISPATCHER
5 DISPLAY	1 DISPLAYED	2 DISPOSE	2 DISPOSED
1 DISSEMINATION	13 DISTANCE	1 DISTANCES	52 DISTANT
1 DISTINCTIVE	2 DISTRIBUTUTE	1 CIVIDE	1 DIVISION
34 DRY	1 OCCIDENTS	9 DIES	1 DING
1 DRY	5 DRY	4 DUNE	1 DUNE
1 DRY	1 DRY	21 DUNE	5 DOWNWARD
2 DRY	1 DRAG	5 DRAIN	4 DRAW
1 DRY	5 DRY	6 DROP	2 DROPS
2 DRY	2 DRY	2 DS	2 DUALS

2 DUD	2 DUE	1 DUEL	2 DUE
1 DUNNY	1 DURING	1 DURING-OPERATION	7 DUST
2 DUTY	1 DZILL	46 F	1 E-EQUIPMENT
45 EACH	1 EASE	1 EASTEST	1 EASILY
4 EAST	1 EASTERLY	2 EASTING	1 EASY
1 EATING	3 ECHO	8 EDGE	1 EDGES
1 EEN	9 EFFECT	2 EFFECTIVE	1 EFFICIENT
1 EIGHT	2 EIGHT-DIGIT	10 EITHER	1 EJECT
2 EJECTED	1 ELAPSED	2 ELONGS	3 ELECTRIC
6 ELECTRICAL	1 ELECTRICAL/FRICTION	3 ELECTRICITY	1 ELECTRONIC
2 ELEMENT'S	5 ELEMENTS	8 ELEVATING	12 ELEVATION
1 EL SF	1 ELSWHERE	3 EMPLOYED	5 EMPLOYMENT
1 EMPLOYED	1 EMPLOYING	3 EMPTY	2 ENABLE
1 ENABLING	1 ENCLOSURE	31 END	1 END-OF-MISSION
1 ENDANGERED	5 ENDS	21 ENEMY	1 ENERGI ZING
13 ENGAGE	3 ENGAGED	7 ENGAGEMENT	1 ENGAGES
21 ENGINE	3 ENOUGH	75 ENTER	10 ENTERED
9 ENTERING	1 ENTIRE	6 ENTRIES	1 ENTRY
6 ENVIRONMENT	3 ENVIRONMENTAL	3 FCH	20 EQUIPMENT
6 EQUIPPED	4 ERECT	1 ERECT/DISMANTLE	3 ERECTED
1 ERECTON	1 ERECTION/DISMANTLING	9 ERROR	2 ERRORS
1 ESPECIALLY	4 ESTABLISH	1 ESTATE	9 ESTIMATE
3 ESTIMATED	3 ESTIMATING	1 ESTIMATION	7 ETC
3 EVEN	4 EVENT	4 EVENTS	2 EVERY
1 EVERYTHING	2 EVIDENCE	2 EXACT	2 EXACTLY
9 EXAMINE	13 EXAMPLE	2 EXCEED	3 EXCEPT
1 EXCEPT	1 EXCESS	1 EXCESSIVE	1 EXERCISE
1 EXPEDIENT	1 EXHAUST	2 EXISTS	2 EXERCISED
1 EXPLODE	3 EXPANDED	1 EXPENDITURE	1 EXPLANATION
1 EXPLORE	3 EXPLODES	2 EXPLOSIVE	1 EXPLOSIVES
1 EXPLORE	2 EXPOSING	2 EXPRESS	3 EXPRESSED
1 EXT-INT	4 EXTEND	1 EXTEND/FIRE	1 EXTENDED
1 EXTENDING	2 EXTERIOR	2 EXTRA	1 EXTINCTION
2 EXTRACTED	2 EXTREME	6 FVF	2 EYE-TARGET
2 EYES	28 F	2 FA	2 FACE
1 FACILITIES	1 FACILITIES	1 FACING	8 FACTOR
1 FACTORS	31 FACAD	1 FAHRENHEIT	1 FAILED
4 FAILS	7 FAILURE	2 FALL	1 FALLS
1 FAMILIAR	2 FAMILIARIZATION	1 FAMILIARIZE	1 FARR
1 FARM	2 FARTHER	3 FAST	3 FASTEN
2 FAULT	15 FAULTS	2 FAULTY	4 FDC
12 FEATURE	3 FEATURES	2 FER	1 FERRA
8 FEEDTAY	1 FEEL	17 FEET	2 FEMALE
4 FEW	37 FIELD	1 FEET	2 FIFTH
19 FIG	3 FIGHTING	18 FIGURE	5 FIGURES
6 FILE	1 FILLS	1 FILING	4 FILL
1 FINALLY	4 FILTER	1 FILTERS	4 FINAL
1 FINCHTIPS	2 FIND	1 FINGER	1 FINGERS
10 FIRED	3 FINISHED	115 FIRE	1 FIRE-FIRE-EFFECT
	1 FIREFOR-EFFECT	6 FIREH	4 FIRES

100 FIRM	1 FIRM	5 FIRM	21 FIRST
1 FIT	1 FITS	1 FITTING	4 FIVE
1 FIX	4 FLAG	3 FLAGS	1 FLAME
1 FLAMMABLE--NO	2 FLANK	1 FLAP	4 FLASH
4 FLASHING	1 FLASHLIGHT	3 FLAT	1 FLIGHT
2 FLIP-UP	2 FLUID	1 FLUSH	1 FLY
227 FM	1 FG	4 FOCUS	2 FG
1 FOLD	9 FOLLOW	1 FOLLOWED	11 FOLLOWING
9 FOLLOWS	1 FOOTBALL	298 FOR	1 FOP/ADJUST
1 FMCC	1 FORCES	1 FOREARM	3 FOREIGN
1 FMGET	43 FORM	1 FORMAT	1 FORMATION
1 FORMATIONS	1 FORMING	1 FORMS	1 FORMULATE
3 FORWARD	1 FORWARD	3 FOUND	3 FOUR
1 FOULTY	2 FOXTLE	18 FPL	4 FRAGMENTATION
3 FRAME	1 FRAYED	10 FREE	1 FROG
27 FREQUENCY	1 FRICTION	2 FRIENDS	7 FRIENDLY
2 FRI	134 FROM	34 FRONT	1 FRONT/READ
2 FRONTAL	1 FRONTLIGHT	1 FT	14 FUEL
3 FULL	2 FULLY	1 FIVES	4 FUNCTION
1 FUNCTIONAL	3 FUNCTIONING	2 FUNCTIONS	1 FURTHER
4 FUTURE	20 FUZZ	3 FUZZES	7 FWD
18 G	11 G-M	1 GAGE	1 GAGEPOINT
1 GAGEPOINTS	10 GARRISON	2 GAS	2 GASOLINE
1 GATE	2 GEAR	1 GFARS	12 GED
1 GRANDES	4 GENERAL	1 GENERALLY	42 GENERATOR
1 GENTER	1 GENT	7 GET	3 GETTING
10 GFT	5 GIVE	55 GIVEN	2 GIVES
3 GM	1 GO	2 GOING	2 GIVOR
1 CONVERTING	3 GOOD	1 GOVERN	3 GOVERNOR
1 GRAR	1 GRADUATED	1 GRAPHIC	1 GRAPHICAL
1 GRAPHICALLY	3 GRASP	1 GRASPING	2 GRAZE
2 GREASE	1 GREATER	1 GREEN	90 GRENADE
1 GRENADES	22 GRENADES	5 GRENADEIER	91 GRID
1 GRID-MAGNETIC	1 GRIDLINE	1 GRIDS	1 GRIME
1 GRINY	2 GRIP	3 GROOVE	24 GROUND
1 GROUNDED	2 GROUNDING	2 GUIDANCE	9 GPCUP
1 GROUP	2 GS	2 GUNNER	3 GUIDE
1 GUIDELINES	45 GUN	12 GUNNER	1 GUNNER'S
1 GUNNERY	17 GUY	8 H	1 H-12
4 H-161	1 H-60/PT	6 H-60/PT	1 H-8
5 HALF	1 HALF-50	1 HALFWAY	2 HATS
36 HAYD	2 HAND-NEUTRALIZE	2 HANDRAKE	1 HANDRAKES
3 HANDPANK	2 HANDGUARD	10 HANDLE	1 HANDLED
1 HANDLING	2 HANDS	5 HANDSFT	3 HANDWHEEL
3 HANGFIRE	33 HAS	19 HAVE	2 HAVING
1 HAZARD	9 HAZARD	1 HAZARD/REGISTRATION	19 HE
2 HEAD	1 HEADACHE	1 HEADAND	1 HEADED
2 HEADING	3 HEADQUARTERS	1 HEADS	3 HEADSFT
5 HEAR	6 HEARD	4 HEAT	1 HEAVY
2 HEIGHT	2 HELD	2 HELP	1 HELPS

COUNTS WORDS

COUNTS WORDS

COUNTS WORDS

2 HERE'S	1 HERTZ	7 HIGH	4 HIGHER
1 HIGHWAY	2 HIM	3 HINGE	1 HIP
9 HIS	1 HISTORICAL	8 HIT	3 HITS
3 HITTING	1 HOP	15 HOLD	2 HOLDING
3 HOLE	2 HOPES	1 HORN	3 HOOK
1 HORN'S	4 HORIZONTAL	1 HORN	1 HOES
2 HOSPITALS	1 HOSTILE	4 HOTEL	1 HOUR
2 HOURS	5 HOUSING	19 HOW	2 HOWEVER
4 H	27 I	6 IAW	1 ICM
1 ID	5 IDENTIFICATION	2 IDENTIFIED	3 IDENTIFIER
1 IDENTIFIES	1 IDENTIFY	5 IDLE	119 IF
1 IGH	1 IGNITING	1 IGNORE	1 IGS
21 II	1 ILL	1 IIN	1 IL
1 ILLUM	1 ILLUMINATION	1 ILLUSTRATES	1 IMAGINAPY
19 IMMEDIATE	4 IMMEDIATELY	5 IMPACT	2 IMPACTED
3 IMPACTS	4 IMPORANT	1 IMPARTANTLY	1 IMPROPER
1 IMPROVE	1 IMPROVES	364 IN	1 INACTIVATION
3 IMPHES	14 INCLUDE	2 INCLUDED	2 INCLUDES
7 INCLUDING	2 INCLUSION	5 INCOMING	1 INCORRECT
1 INCREASE	1 INCREASED	1 INCREMENTS	3 INDEX
1 INCREASED	1 INDICATE	2 INDICATED	3 INDICATES
1 INDICATED	2 INDICATOR	2 INDICATORS	4 INDIRECT
6 INDIVIDUAL	1 INF	1 INFAT	1 INFLUENCING
7 INFORMATION	17 INFORMATION	8 INITIAL	1 INITIALLY
2 INITIATE	1 INITIATED	1 INJURE	2 INJURY
1 INITIAT	9 INPUT	36 INPUT	2 INSERTED
3 INSERTING	7 INSIDE	1 INSUFAR	20 INSPECT
2 INSPECTING	9 INSPECTION	29 INSTALL	1 INSTANTANEOUS
5 INSTALLATION	11 INSTALLED	1 INSTANCF	8 INSTRUCTIONS
3 INSTEAD	2 INSTRUCTED	1 INSTRUCTION	1 INSULATING
1 INSTRUCTOR	1 INSTRUMENT	3 INSTRUMENTS	4 INSURING
5 INSULATION	1 INSURANCE	33 INSURE	1 INTENDED
4 INT	2 INT-EXT	2 INTACT	1 INTEREST
1 INTERCOM	2 INTERCOMMUNICATION	1 INTERCOMMUNICATIONS	1 INTERSECTING
4 INTERFERENCE	4 INTERPHONE	1 INTERRUPTION	9 INTERVAL
3 INTERSECTION	1 INTERSECTIONS	2 INTERSECTS	1 INVESTIGATING
45 INTO	1 INTRODUCTION	1 INTRODUCTION	87 IT
254 IS	4 ISSUE	1 ISSUED	1 ITSELF
2 IT'S	12 ITEMS	12 ITS	1 J
4 IV	1 IX	3 J	1 J-551
1 J-552	35 JACK	2 JACKS	1 JAN
1 JAWING	2 JAN	1 JAW'S	1 JEEP
1 JL	28 JOURNAL	1 JOURNAL/DUTY	2 JOURNALS
1 JUDGE	4 JIL	3 JULY	2 JUMPER
3 JUN	1 JUNCTION	7 JUST	1 J2
5 K	1 K-TRANSFER	1 KAN-153 A	1 K
11 KFPF	9 KEEPING	1 KEF'S	1 KFPF
10 KEY	3 KEYBOARD	1 KEYLIST	1 PFYS
2 KILL	1 KINDS	7 KIT	1 KPP4
2 KNEELING	1 KNIFE	1 KNIFE-EDGE	1 KARA

COUNT4 WORD4

STING/ASC

MCS WORD

COUNT2 WORD2

COUNT1

1 KNOT	4 KNOT	21 KNOWN	1 KNIRLED
4 KY	4 KY-38	3 KYK-28	3 L
1 L-OCATION	2 LA	7 LABEL	2 LARFLED
2 LAIN	9 LAMP	2 LAND	1 LANDMINES
1 LANDS	3 LARGF	2 LAST	1 LAT
4 LATCH	1 LATERALLY	48 LAUNCHER	22 LAW
1 LAWS	11 LAY	2 LB	1 LRE
1 LDE	14 LFAD	11 LEADER	1 LEADER'S
1 LEADERSHIP	3 LEADS	3 LEAF	2 LEAKAGE
2 LEAKS	2 LEAST	3 LEAVE	1 LEAVING
10 LEFT	1 LEFTHAND	2 LEG	1 LEGEND
1 LEFTTRIF	10 LEGS	4 LENGTH	1 LENGTHS
2 LENSATIC	1 LENSES	3 LESS	61 LESSON
3 LESSONS	1 LET	1 LETTER	2 LETTERS
25 LEVEL	3 LEVELED	4 LEVELING	1 LEVELS
15 LEVER	2 LEVERS	1 LIAISON	1 LIFT
10 LIGHT	2 LIGHTLY	1 LIKE	2 LIKELY
3 LINA	3 LIMIT	5 LIMITED	4 LIMITS
65 LINE	1 LINE-TO-LINE	3 LINEAR	20 LINES
1 LINKAGE	1 LINKED	1 LINKS	3 LIP
1 LIPS	3 LIST	10 LISTED	3 LISTEN
2 LISTENING	5 LISTS	3 LITTLE	5 LIVE
3 LOAD	2 LOADED	2 LOADING	6 LICAL
6 LOCATE	13 LOCATED	3 LOCATING	70 LOCATION
7 LOCATIONS	17 LOCK	2 LOCKED	5 LOCKING
6 LCG	6 LOGBOOK	12 LONG	3 LONGER
7 LOCK	1 LOOKING	1 LOOP	3 LOOSE
2 LOOSEN	1 LOOSENING	2 LOSS	4 LOST
1 LOT	1 LOUD	1 LOW-LOW	1 LOUDER
3 LOW	1 LOW-LEVEL	8 LOWER	4 LSA
2 LURE	1 LURED	2 LURRICANT	3 LURRICANTS
3 LURRICATE	4 LURRICATING	3 LURRICATION	6 LUG
1 LUGS	1 L34	7 M	1 M-2
1 M-359	26 MACHINERON	9 MADE	2 MAGAZINES
23 MAGNETIC	1 MAIN	16 MAINT	5 MAINTAIN
4 MAINTAINED	4 MAINTAINING	2 MAINTAINS	1 MAINTENAN
49 MAINTENANCE	1 MAJOR	23 MAKE	1 MAKES
3 MAKING	1 MALE	3 MALFUNCTION	1 MALFUNCTIONED
5 MAN	2 MAN-PACK	1 MANAGEMENT	5 MANFIVER
1 MANIPULATION	2 MANMADE	2 MANMER	1 MANNERISMS
41 MANUM	1 MANIALS	60 MAP	2 MAPS
1 MAPCH	1 MARGIN	5 MARGINAL	3 MARK
1 MARKED	1 MARKINGS	2 MARKS	1 MARKA
3 MASS	16 MAST	2 MASTER	8 MATCHING
1 MATF	1 MATERIAL	5 MATERIALS	1 MATERIEL
3 MATING	32 MATRIX	4 MATTER	1 MATTERS
4 MAXIMUM	31 MAY	1 MC	1 MEAN
1 MEANTIME	6 MEANS	10 MEASURE	5 MEASURED
80 MEASURES	4 MEASURING	2 MECHANICAL	9 MECHANISM
3 MEYER	4 MEMBERS	1 MEMORANDA	3 MCH

WORD LISTING/ASCENDING SEQUENCE
COUNT3 WORD3

COUNT1 WORD1

1 MERELY	10 MESSAGE	3 MESSAGES	R MET
1 METAL	10 METER	71 METERS	11 METHOD
4 METHUEN	2 MG	1 MIZ	1 MIC
5 MICROPHONE	1 MID	1 MIDPOINT	1 MIGHT
2 MIKE	4 MIL	1 MIL-L-141078	1 MIL-L-44000A
2 MILD	1 MILE	11 MILITARY	32 MILS
1 MILS--THE	36 MINF	1 MINFIELD	9 MINES
1 MINIMIZES	2 MINIM	1 MINOR	2 MINUS
6 MINUTE	33 MINUTES	6 MIFIRE	1 MISSES
9 MISSION	1 MISSIONS	1 MIUTES	4 MI
1 MILL-L	3 MICAL	4 MURAL	2 ML90
1 MNR	1 MORILE	3 MORE	1 MOEL
1 MODIFIED	1 MODIFY	1 MODILE	1 MOISTEN
8 MONITOR	1 MONT-ELY	12 MORE	1 MORTAR
2 MONTAP	4 MOST	2 MOTION	1 MCTOP
12 MOUNT	1 MOUNT/DO SHOUNT	1 MOUNTAIN	6 MOUNTED
14 MOUNTING	2 MOUNTS	13 MOVE	1 MOVED
3 MOVEMENT	1 MOVEMENTS	4 MOVES	18 MOVING
4 MP-6A	1 MPH	2 MT-L29/VRC	6 MT-L29/VRC
1 MUCK	1 MUPH	1 MULTIPLIER	3 MULTIPLY
1 MULTIPLYING	1 MULTIPLE	1 INITIAL	4 MUZZLE
1 MV	49 MUST	2 PX-6707/VRC	5 M122
1 M151A2	9 M1A	2 M19A1	9 M2
4 M203	1 M213	1 M288	4 M3
14 M36	1 M386	1 M397	1 M407A1
1 M433	1 M441	2 M57	1 M577A1
25 M60	1 M651	1 M67	1 M69
2 M72	1 M72AL	2 M72A1	11 M72A2
2 M73	1 M79	2 N	2 NAILS
1 MAKFO	7 NAME	1 NARRIN	3 NATURAL
1 NATURALLY	1 NAVIGATION	5 NRC	1 NCD
2 NF	4 NEAR	2 NFARRY	1 NEARER
8 NEAREST	1 NEATLY	22 NECESSARY	1 NECK
2 NECKS	1 NEED	2 NEEDED	1 NEOLF
1 NEEDING	1 NEEDS	3 NEGATIVE	1 NEGATIVE-NEGATIVE
1 NEIGHBORHOOD	1 NEITHER	2 NEON	4 NET
1 NEUTRAL	1 NEVER	5 NEW	9 NEXT
1 NGF	3 NIGHT	28 NI	4 NOISE
2 NOTES	3 NON-REGISTERING	4 NONELECTRIC	1 NONELECTRICAL
4 MONTAC.TICM	1 NONTHROWING	1 NORH	4 NCRML
5 NORMALLY	19 NORTH	3 NORTH-SOUTH	2 NOTHING
R2 NOT	1 NOTATION	33 NOTE	1 NOTED
1 NOTES	1 NOTHING	1 NOTIFY	2 NOTING
2 NOVEMBER	4 NOM	1 NIC	1 NUCLEAR
43 NUMBER	2 NUMBERED	7 NUMBERS	1 NUTS
2 O	1 OA-3A33	1 OA-3A33/A	3 OA-3A33/GRC
1 OPLIQUE	1 ODFY	5 ORJECT	7 OPTICIS
5 ORASPVDN	3 OBS	3 OBSERVATION	5 OBSERVE
2 ORSERVING	9 ORSERVER	4 OBSERVER'S	4 ORSERVERS
	3 OBSTACLES	4 ORTAIN	5 ORTAINED

1 OCCURS	1 OCCASIONALLY	1 OCCUR	1 OCCUR
4 OCCURRED	5 OCT	1 OMMETER	1 OMMETER
509 OF	2 OFF-RUN	5 OFFICER'S	5 OFFICER'S
1 OFFICE	25 OIL	1 OFFER	1 OFFER
1 OFFICE	1 OMITTED	265 OA	265 OA
5 ONCE	2 ONE-PLAT	15 ONLY	15 ONLY
7 ONTO	1 OPERATOR'S	14 OPEN	14 OPEN
1 OPEN-PLAT	1 OPENINGS	15 OPER	15 OPER
3 OPERABLE	3 OPERATED	15 OPERATING	15 OPERATING
50 OPERATION	9 OPERATIONS	50 OPERATOR	50 OPERATOR
1 OPERATIONAL	4 OPERATORS	5 DEPOSITE	5 DEPOSITE
1 OPERATOR'S	1 OPTICAL	270 OR	270 OR
1 OPTIMUM	3 ORDERS	3 ORG	3 ORG
7 ORDER	2 ORGANIZATION	6 ORIENT	6 ORIENT
4 ORGANIZATION	2 CRIMINAL	1 ORIGINALS	1 ORIGINALS
15 ORIENTING	35 OTHER	2 OTHERS	2 OTHERS
11 OT	1 OUTGOING	2 OUTLET	2 OUTLET
14 OUT	6 OUTLINED	2 OUTPUT	2 OUTPUT
1 OUTLINE	24 OVER	1 OVERHAND	1 OVERHAND
5 OUTSIDE	1 OVERHEAD	14 OVERLAY	14 OVERLAY
5 OVERHEAD	3 OVERRIDES	1 OVERSHEET	1 OVERSHEET
5 OVERIDE	22 P	1 PACED	1 PACED
1 OWN	1 PACKAGED	1 PACKING	1 PACKING
11 PACK	1 PAINT	1 PAPER	1 PAPER
20 PAGES	9 PAPER	92 PARA	92 PARA
1 PANELS	1 PARALLFL	2 PARAPET	2 PARAPET
5 PARAGRAPHS	1 PARTICULAR	6 PARTIES	6 PARTIES
1 PARTIALLY	15 PARTY'S	6 PASS	6 PASS
35 PARTY	1 PATCH	1 PATCHES	1 PATCHES
1 PAST	2 PATTERN	1 PRAISE	1 PRAISE
1 PATROLLING	1 PEEP	5 PERSPECTIVE	5 PERSPECTIVE
1 PEACETIME	13 PENCIL	1 PENCILS	1 PENCILS
6 PEN	46 PERFORM	1 PERFORMANCE	1 PERFORMANCE
4 PERFORMANCE	3 PERFORMANCE	24 PERFORMED	24 PERFORMED
1 PERFORMANCES	2 PERIODIC	1 PERIODS	1 PERIODS
11 PERIOD	2 PERMITS	1 PERMITTING	1 PERMITTING
4 PERMIT	5 PHASE	1 PHONE	1 PHONE
20 PG	7 PICTURE	4 PIFCE	4 PIFCE
1 PICK	8 PINS	10 PINTIE	10 PINTIE
1 PINPOINTED	7 PLACED	2 PLACEMENT	2 PLACEMENT
53 PLACE	5 PLACING	1 PLANE	1 PLANE
1 PLACES	4 PLASTIC	14 PLAT	14 PLAT
2 PLANS	7 PLATON	2 PLAY	2 PLAY
9 PLATFORM	3 PLOTTED	6 PLOTTING	6 PLOTTING
17 PLOT	2 PLUNGER	1 PLYWOOD	1 PLYWOOD
5 PLUGS	2 POINTED	1 POINTER	1 POINTER
48 POINT	3 PIN AP	4 PCLAP-PLY	4 PCLAP-PLY
17 POINTS	1 PORTIONS	1 PERTRAYED	1 PERTRAYED
4 PORTION	1 POSITIONED	1 POSITIONING	1 POSITIONING
106 POSITIVE	1 POSITIVE-TO-POSITIVE	11 POSSIBLE	11 POSSIBLE
5 POSITIVE			

1 REMAINING
2 REMOVAL
49 REMOVE
1 REMOVED
1 REPAIRING
11 REPLACEMENT
3 REPORTED
1 REPRESENTATIONS
2 REQUESTING
1 EQUIPMENT
2 RESEMBLE
1 RESISTANCE
2 RESPECT
1 RESPONSIBLE
4 RESTORE
1 RETAILING
4 REVERSE
1 REVIEW
1 RIDING
19 RIGHT
1 RING-OFF
1 RIPS
2 RH
1 RND
1 RGN
1 RGN
2 ROTATING
2 ROUTE
1 RT-44 / PRC-77
3 RUNNING
11 S
49 SAFETY
1 SANDRAGGING
1 SB
7 SR-22/PT
19 SCALE
2 SCREWING
3 SEARCHING
1 SEATS
11 SECTIONS
4 SECTIONS
1 SIGHTING
26 SEE
1 SELECTED
1 SELECTS
1 SEMI-PT
3 SENSING
2 SEPARATE
1 SERIOUS
4 SERVICEABILITY

2 REMAIN
1 REMARK
9 REMOVE
5 REPAIR
2 REPLACED
2 REPORTING
2 REPRESENTED
3 REQUIRE
1 ROLL
1 RESERVIR
9 RESISTUALS
2 RESPLICE
2 RESQUEEZE
8 RESULT
2 RETAIN
1 RETICLE
1 REVERSE
1 REVIEWS
1 RIFLE
2 RIGHTHAND
1 RINGBACK
1 RISE
1 ROAD
1 ROGER
4 ROPE
2 ROUGH
1 RPM
1 RTRAIN
2 RUST
1 S-12E
3 SALUTE
1 SALT
1 SR-11-624
4 SR-22A/PT
1 SCRFEN
1 SE
2 SEARS
45 SFC
11 SECTION
11 SECURE
7 SECURING
3 SEEN
3 SELECTING
1 SEMI-CIRCULAR
1 SENT
1 SENT
2 SEPARATING
2 SERVE
11 SERVICES

1 REMAINDER
1 REMARKS
1 REMOVAL
2 REMOVED
5 REPEAT
9 REPLY
6 REPORTS
1 REPRESENTING
20 REQUIRFO
1 RESEARCH
1 RESERVOTIPS
4 RESISTOR
1 RESPOND
3 REST
1 RESULT
1 RETAINER
9 RETURN
1 REVERSES
3 RG-202
12 RIFLE
14 RINGING
1 RISK
5 ROCKET
1 ROLL
8 ROPES
40 ROUND
1 ROUNDS
2 RT524A/R442
1 RH11
15 SAFE
18 SAFE
1 SATISFACTORY
1 SR-11-624
3 SR-903
4 SCREW
1 SEALS
2 SEAT
15 SECTION
15 SECTIONS
1 SECURED
2 SECURITY
1 SELF
1 SELECTION
1 SEMI-FLUID
2 SENSE
2 SENS
1 SENSORS
1 SEQUENCE
1 SERVICEABLE
143 ST

11 SFTTING	2 SETTING	5 SEVEN	1 SEVERAL
1 SEVERELY	1 SHAPE	1 SHARP	1 SHARPLY
1 SHEAR	6 SHEET	2 SHEETS	7 SHELL
2 SHELL-FUFF	1 SHELLS	1 WHILTERED	4 SIFT
1 SHIFTING	2 SHIFTS	1 SHIMMEY	11 SHIPPIING
4 SHIRT	5 SHOOTING	2 SPOTS	66 SHWILD
9 SHOUTER	1 SHOULDERS	2 SHOUT	1 SHOUTING
1 SHON	1 SHOWN	7 SHOWN	11 SHOWS
1 SHUT	1 SHOWNING	1 SIDES	4 SMC
46 SIGHT	17 SIDE	2 SIGNS	9 SIGN
40 SIGNA	4 SIGHTING	1 SIGNATURE	1 SIGNING
6 SIGNS	6 SIGNALS	1 SILENT	1 SIGNIETTE
4 SIMILAR	1 SILENCE	2 SIMPLY	7 SIMULATED
1 SIMULTANEOUSLY	1 SIMING	4 SIVELF	8 SITE
1 SITTING	5 SINCE	1 SITUATION	24 SITUATION
3 SITUATIONS	1 SITING	2 SIX-DIGIT	1 SKEWIGIT
2 SIXTH	8 SIX	19 SFTCH	2 SKETCHES
1 SKIN	2 SIZE	1 SK /SA	2 SLASH
5 SLAVE	2 SL	7 SLEVE	16 SLITOF
5 SLIGHTLY	8 SLING	3 SLIP	1 SLIPPAGE
3 SLIT-TYPE	2 SLOT	2 SLOTTED	7 SLOW
1 SLEWLY	7 SM	4 SMALL	1 SPALLER
6 SMKE	1 SMOOTH	3 SHAP	1 SHAPS
21 SC	2 SOAPY	4 SOLDIER	4 SOLDIERS
4 SLOW	2 SOME	1 SPTONE	1 SCHEMPRE
3 SOURCE	5 SPP	1 SOUND	1 SCUNDS
4 SPACE	5 SPONGES	3 SOUTH	1 SOUTHWEST
8 SPECIAL	1 SPACING	2 SPEAK	7 SPEAKER
1 SPECIFYING	4 SPECIFIC	4 SPECIFIED	2 SPECIFY
1 SPENT	2 SPEECH	6 SPEED	1 SPEEDOMETER
1 SPLICES	1 SPILLS	1 SPWR	4 SPICE
2 SPINDLS	1 SPLICING	5 SPLIT	3 SPML
4 SPREAD	3 SPOT	1 SPOTLESS	9 SPOTTING
15 SQUELCH	2 SPRING	1 SPRINGS	1 SQUAD
18 STAFF	3 SQUARES	5 SCUFETE	1 SQUELCH
66 STAKES	1 SSO	1 STABLE	2 STADIA
1 STAIRING	1 STAFF JOURNAL/DUTY	1 STAGGERED	14 STAKE
1 STATE	1 STALLED	2 STAND	11 STAMPARD
14 STATIMN	1 STANDY	1 STANDARDS	1 STANDING
2 STATUS	17 START	2 STARTER	4 STATING
1 STEP-BY-STEP	1 STATED	2 STATEMENT	1 STATIC
2 STOCK	7 STATIONARY	3 STATIONS	1 STATISTICS
1 STOPPED	1 STEADY	1 STEERING	4 STEP
11 STORF	10 STEPS	1 STIFFNESS	4 STILL
2 STRAIGHT	12 STOP	10 STOPPAGE	1 STOPPAGES
1 STRAPS	3 STOPPING	2 STOPS	2 STORAGE
1 STRESSED	1 STOPPED	1 STORMS	1 STOW
	1 STRAIN	4 STRAINER	4 STRAP
	2 STREAM	1 STREET	1 STRONGTH
	2 STRECH	2 STRECHEN	7 STIRK

COUNT1 WORD1

1 TSEC/KY-R/28/38
 2 TUNING
 7 TURNS
 36 TWO
 15 TYPE
 1 UNAUTHORIZED
 1 UNDER RUSH
 10 UNITS
 2 UNLAPED
 1 UNPLUG
 1 UNSAFE
 1 UNSPOTIFIED
 1 UNWIND
 1 UPDATE
 1 UPPERMOST
 44 USE
 68 USING
 2 V
 1 VALVES
 2 VCN
 1 VEHICLE MOUNTED
 1 VENTILATION
 1 VERT
 1 VIAL
 2 VLEN
 1 VILLAGE
 2 VISION
 2 VOLTAGE
 1 VT
 3 W/E
 1 WANDER
 4 WAS
 4 WATER
 4 WE
 1 WFAK
 4 WEDGE
 4 WEF
 1 WHEEL
 1 WHERE
 13 WILF
 2 WIGLE
 3 WING
 1 WINDY
 1 WISH
 1 WITHIN
 2 WORK
 1 WOULD
 7 WATF
 2 X
 1 YACET

COUNT2 WORD2
 WORDS LISTING/ASCENDING SECURICE
 COUNT3 WORD3

1 TSEC/KYK-2A
 42 TURN
 1 TWICE
 1 TWO-LETTER
 2 TYPES
 2 UNCORRECTED
 1 UNIQUE
 3 UNKNOWN
 2 UNLOADING
 4 UNREEL
 2 UNSCREW
 25 UNTIL
 1 UNWINDING
 4 UPDATED
 2 UPRIGHT
 22 USED
 4 USUALLY
 1 VALLEY
 2 VALVE
 49 VEHICLE
 1 VEHICLES
 1 VERRAL
 10 VERTICAL
 2 VIKORATION
 1 VIEWED
 3 VIS
 4 VISUAL
 1 VOLT METER
 13 W/L
 13 WAIT
 1 WARN
 1 WASH
 4 WAY
 2 WFAK
 1 WEARING
 1 WFEK
 6 WFST
 1 WHFELS
 1 WHETHER
 4 WHIP
 3 WINE
 1 WIND
 4 WIPE
 199 WITH
 2 WOODED
 1 WORKING
 2 WIND
 2 WRITTEN
 1 X-MODE
 1 YEARS

2 TSEC/KY-3A
 6 TURNED
 1 TWINE
 1 TWO-PLOT
 1 TYPEWRITER
 30 UNDER
 36 UNIT
 1 UNFESS
 1 UNHAPED
 1 UNRESTRICTED
 1 UNSCREWED
 2 UNUSED
 1A UP
 5 UPON
 2 UPSIDE
 2 USES
 3 UTILIZE
 1 VALLEYS
 4 VARIABLE
 1 VEHICLE-INSTALLED
 7 VEHICULAR
 1 VERIFY
 2 VFRY
 1 VICINITY
 3 VIEWS
 4 VISIBILITY
 4 VISUALLY
 4 WNTS
 1 W/C
 1 WALK
 18 WARNING
 1 WATCH
 1 WD-L/TT
 32 WEAPON
 13 WEATHER
 1 WEEKLY
 1 WFERLY
 64 WHEN
 50 WHICH
 8 WHITE
 6 WIDTH
 65 WIRE
 67 WITHIN
 2 WORD
 1 WORK SHEET
 3 WP
 1 WT
 1 X-12A
 1 YCKE

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COUNT4 WORD04

2 ZEROED
3 ZONE

SEQUENCE

WORD03

9 ZERO
1 ZERO05

WORD1

COUNT2 WORD2

3 YOURSELF
1 ZEROIZE

COUNT1 WORD1

01 YOUNG
2 ZEROING

2040 TNE	837 AM	639 TO	589 OF
244 A	346 IN	298 FOR	265 ON
244 IS	227 FM	220 CR	204 RE
199 WITH	191 TARGET	143 SFT	174 FRY
129 VHI	125 RV	123 WILL	127 TP
119 IF	117 AN	117 R	115 FIF
104 POSITION	104 AS	101 CHECK	100 FIRING
98 AT	97 CHAP	95 THAT	92 PARA
91 GRID	91 YOUR	90 ALL	87 I
87 RANGE	85 RADIN	84 C	82 CONDITIONS
82 MWT	81 ANTENNA	80 MEASURES	78 FICIRF
77 DATA	75 ARE	75 ENTER	73 SWITCH
71 METERS	70 LOCATION	69 PERFORMANCE	68 POINT
68 USING	67 WITHIN	66 SHIELD	66 STANDARDS
65 N	65 INTO	65 LINE	65 WIRE
64 WHEN	62 DETERMINE	62 OPERATOR'S	61 FISSON
60 MAP	60 PROCEDURES	60 TFC	59 OPERATOR
56 THRU	55 GIVEN	53 PLACE	53 THIS
52 DISTANT	51 PLUG	50 GRENADE	49 OPERATION
50 WHICH	49 AFTER	49 MAINTENANCE	49 MUST
40 SAFETY	40 VEHICLE	48 LAUNCHER	48 REFERENCES
48 REMOTE	48 TASK	46 AZIMUTH	46 F
46 PERFORM	46 SIGHT	46 USE	45 CALL
45 EACH	45 GUN	45 SEC	44 -
43 FORM	43 NUMBER	43 THROUGH	42 GENERATOR
42 TELEPHONE	42 TURN	41 MARIAL	40 CORRECT
40 ROUND	40 SIGNAL	39 CORRECT	39 CONTROL
38 COVER	37 FIELD	37 MILL	36 DA
36 HAND	36 INSERT	36 MIN	36 PAGE
36 TAI	36 UNIT	35 ALTITUDE	35 DEVICE
35 JACK	35 OTHER	35 PARTY	35 REFER
34 DEPRESSING	34 DIRECTION	34 DC	34 FRONT
34 ONE	34 REAR	34 RING	34 STATION
33 APPROPRIATE	33 CAP	31 W'S	33 INSURE
33 MINUTES	33 TARGETS	33 OPERATE	33 SECTION
32 STANDARD	32 WEAPON	32 MATRIX	32 WILS
32 WEAPON	31 BATTERY	31 FND	31 FADAC
31 MAY	30 CABLE	30 TIME	30 UNDER
30 WITHOUT	29 ADAPTER	29 BUTTONS	29 INSTALL
29 PART	28 EQUIPMENT	28 F	28 JETUAL
28 M	28 READING	28 REGISTRATION	27 ASSEMBLY
27 CORRECTOR	27 FREQUENCY	27 I	27 PH
26 AMV	26 REEN	26 MACHINEGUN	26 OVER
26 SFF	25 AREA	25 PLASTING	25 CAN
25 CHRONOGRAPH	25 LEVEL	25 M60	25 OIL
25 SECTOR	25 THEN	25 UNITL	24 ANGLE
24 BETWEEN	24 GROUND	24 PERFORMED	24 POWER
24 SITUATION	24 TEST	23 AMMUNITION	23 CALLED
23 CALLING	23 MAGNETIC	23 NAME	23 ROAD
22 ACCORDANCE	22 GRENADES	22 LAW	22 NECESSARY

22 P
21 CLEAN
21 ENGINE
21 OFF
21 WUP
20 FUZE
20 PG
20 SUPPLY
20 HANDLE
19 IMMEDIATE
19 SRETCN
18 AIMING
18 CLOSE
18 KEY
18 STAFF
18 WARNING
17 BEFORE
17 FFT
17 PLNT
17 START
16 CHAPG
16 MAINT
16 SWITCHBOARD
15 CENTER
15 ONLY
15 PARTY S
15 SECTIONS
15 TERRAIN
14 BORE
14 DAILY
14 M36
14 PLATE
14 RINSING
14 VINDEN
13 CANNOT
13 ENGAGE
13 PERCU
13 RECALI
13 WAIT
12 ANSWER
12 CONDITION
12 FEATURE
12 ITS
12 PREPARED
12 STOP
12 VALUE
11 COLUMN
11 G-H
11 LAY
11 M72A2

22 USED
21 CORD
21 FIRST
21 PROPER
20 AMPLIFIER-POWER
20 INSPECT
20 PREPARE
20 MIRRORING
19 HAVE
19 NORTH
19 SUPPORT
19 BASE
18 CONNECTIONS
18 LEFT
18 TRAINING
17 ADJUST
17 CHECKS
17 GUY
17 POINTS
16 COMPASS
16 MAST
16 TRIGGER
15 FAULTS
15 OPER
15 PROTRACTOR
15 SQUARE
15 THAM
14 BOTH
14 INCLUDE
14 OPEN
14 PP
14 SELECTOR
13 ADJUSTMENT
13 DESIGNATED
13 EXAMPLE
13 PRACTICE
13 REPORT
13 WEATHER
12 CAUTION
12 CONFERENCE
12 GED
12 LONG
12 PRIMARY
12 TABLE
11 ASSASSIN
11 DEVIATION
11 IIF
11 LEADER
11 OT

21 ACTION
21 DOWN
21 II
21 SO
20 APPROXIMATELY
20 LINES
20 RECORD
19 FIG
19 ME
19 NORTH
19 TRUNK
18 BELOW
18 FPL
18 MOVING
18 TRAVERSING
17 ASSIGNED
17 COORDINATE
17 INFORMATION
17 RECEIVER-TRANSMITTER
16 AVAILABLE
16 COMPUTE
16 REFERENCE
16 TRIPND
15 MTD
15 OPERATING
15 SAFE
15 STAKE
15 TYPE
14 CLEANING
14 LEAD
14 OUT
14 PROCEDURE
14 TAPE
13 APPLY
13 DESIRED
13 LOCATED
13 PRIMING
13 SIDE
13 WHEPT
12 CLEAR
12 DAMAGE
12 GUNNER
12 MRE
12 REFL
12 TOP
11 ATTACH
11 DISCONNECT
11 INSTALLED
11 METHOD
11 PACK

21 ROX
21 FENY
21 KCMW
21 TEAM
20 COORDINATES
20 PAGES
20 REQUIRED
19 FIRED
19 HOW
19 SCALE
19 ADJUSTED
19 CAPD
18 G
18 SAME
18 UP
17 BACK
17 DEPRESS
17 LOCK
17 SERVICE
16 BARREL
16 FUL
16 SLIDE
15 ACD
15 LEVER
15 ORIENTING
15 SROND
15 TA-312/PT
14 ARIVE
14 COMPLETE
14 MOUNTING
14 OVERLAY
14 PROGRAM
14 THERE
13 ACTION
13 DISTANCE
13 MOVE
13 READ
13 W/CL
13 WHILE
12 COMPUTER
12 ELEVATION
12 TENS
12 MOUNT
12 RIFLE
12 TRIMPS
11 CARRYING
11 FOLLOWING
11 KFFP
11 MILITARY
11 PARTS

MOS WORD LISTING/DESCENDING FREQUENCY
COUNT3 WORDS

COUNT2 WORDS

11 PERIM	11 POSSIBLE	11 PROPERLY	11 PROVIDE
11 REPLACE	11 S	11 SECONDS	11 SECURE
11 SERVICES	11 SETTING	11 SHIPPING	11 SHINS
11 STORE	11 SUPERVISION	11 TRASHIT	11 AIN
10 ANOTHER	10 APPLICABLE	10 PATTERNS	10 AUT
10 CLIP	10 DEFLECTION	10 DETONATING	10 DAY
10 EITHER	10 ENTERED	10 FREE	10 GADGETS
10 GFT	10 LEGS	10 LIGHT	10 LISTED
10 MESSAGE	10 MESSAGE	10 MEYER	10 PINTLE
10 ROUNDS	10 ROUNDS	10 STEPS	10 STOPPAGE
10 SURE	10 SURE	10 TACTICAL	10 TROW
10 UNITS	10 UNITS	10 VERTICAL	9 ALSO
9 BAR	9 BRACKET	9 BUTTOM	9 CIRCUIT
9 DOES	9 EFFECT	9 ERROR	9 FOLLOW
9 FOLLOW	9 GRIND	9 14/4PI	9 HIS
9 LIMIT	9 INSPECTION	9 KEEPING	9 LAMP
9 MADE	9 MECHANISM	9 MISSION	9 MIN
9 M2	9 M203	9 NEXT	9 OMSERVER
9 OPERATIONAL	9 OPERATIONS	9 ORGANIZATIONAL	9 PAPER
9 PLATFORM	9 RELEASE	9 REMOTE	9 REPRINT
9 REFLECTIONS	9 RETURN	9 SHIELDER	9 SIGN
9 TACK	9 TERMINAL	9 TIME	9 ZERO
9 ARCHIT	9 ADDRESS	8 ADJUSTMENTS	8 AN/GRA-19
8 ARM	8 ASSISTANT	8 ATTACHED	8 ATTEMPT
8 BAND	8 BODY	8 COCKING	8 CONVERT
8 CLIPRENT	8 DRAW	8 EDGE	8 ELEVATING
8 ESTIMATE	8 FACTOR	8 FEEDTRAY	8 FORWARD
8 H	8 HIT	8 INITIAL	8 INSTRUCTIONS
8 INTERVAL	8 LOWER	8 MATCHING	8 MET
8 MINES	8 MONITOR	8 NEAREST	8 PPMIT
8 PINS	8 PREPARATION	8 PRESS	8 PREVENTIVE
8 RC-29	8 RESULT	8 RUPEES	8 SITE
8 SIX	8 SLING	8 SPECIAL	8 SUPERVISOR
8 SYSTEM	8 THEN	8 THEY	8 WELL
8 WHITE	8 WOULD	7 ACCESSORIES	7 ALIGNMENT
7 ANNOUNCED	7 ARMING	7 ARMS	7 ASSEMBLED
7 BEING	7 BREAK	7 CARLIS	7 CAREFULLY
7 CAUSE	7 CHART	7 CHIEF	7 CLAMPS
7 CIRCULARS	7 COMMANDER	7 CORRECTLY	7 CMULD
7 CTFW	7 DETERMINED	7 DUST	7 MANAGEMENT
7 ETC	7 FAILURE	7 FIEMPLY	7 FWD
7 GFT	7 HIGH	7 INCLUDING	7 INFORM
7 HISTOF	7 JUST	7 KIT	7 LARFI
7 LOCATIONS	7 LOOK	7 M	7 NAME
7 NUMBERS	7 OBJECTS	7 GHTD	7 POWER
7 PDF	7 PICTURE	7 PLACED	7 PLATON
7 PRIMER	7 RECEIVER	7 RECEIVING	7 REMOVED
7 SR-22/PT	7 SETS	7 SHFL	7 SHOWN
7 SLEEVE	7 SM	7 STAKES	7 STATIONARY
7 SYNCHS	7 TGT	7 THEIR	7 TROWING

7 THUNDER
7 TURNS
7 WHITE
7 AGAINST
6 APRIL
6 BACKLASH
6 CHAPTER
6 COMBINATION
6 CONDUCT
6 DAMAGED
6 DIRECT
6 ENTRIES
6 FDC
6 FRAGMENTATION
6 IAB
6 LOCATE
6 MEANS
6 MT-LOG/VRC
6 PARTIES
6 POSITIONS
6 RAGS
6 SCRN
6 SHORT
6 SPEED
6 SUBTRACT
6 THESE
6 WEST
6 ACTIONS
6 ANNUCE
6 ARTILLERY
6 RAIL
6 BRECH
6 CHG
6 COMPANY
6 CONVOY
6 CUT
6 DEVIATOR
6 DISASSEMBLY
6 DRAIN
6 ENDS
6 FIVAL
6 HALF
6 IDENTIFICATION
6 INCHING
6 K
6 LOCKING
6 MARGINAL
6 MIL
6 MINIMALLY
6 ON SERIES

7 TIF
7 UNUSUAL
6 --
6 AIR
6 AWAY
6 CH
6 CLOSER
6 COMBINED
6 CONNECTIONS
6 DAYLIGHT
6 DROP
6 ENVIRONMENT
6 FILE
6 H-60/PT
6 INDIVIDUAL
6 LOG
6 MINUTE
6 ORIENT
6 PASS
6 POST
6 REDUCE
6 SECONDARY
6 SIGNALS
6 SPLICE
6 SUCCESSFUL
6 TOTAL
6 WHAT
6 ALARM
6 ANNUAL
6 ASSEMBLE
6 BASIC
6 BUNKER
6 COAT
6 CONNECTORS
6 CONTANT
6 GANGER
6 DIAGRAM
6 DISPLAY
6 DRIVE
6 ENTFRING
6 FIRMLY
6 HANDSET
6 IDLF
6 INSTALLATION
6 LIMITED
6 MAINTAIN
6 MAT. TALS
6 M122
6 OBJECT
6 OBTAINED

7 TIGHTEN
7 VENTILATOR
6 ACCUMULATE
6 ALONG
6 AZIMUTHS
6 CHANGE
6 CLOTH
6 COMPLETED
6 CONTACT
6 DEAFES
6 EAST
6 EQUIPPED
6 FILL
6 HEARD
6 INT
6 LOGBOOK
6 MISFIRE
6 OUTLINED
6 PEN
6 PREVENT
6 REPORTS
6 SELECT
6 SIGNS
6 STARTING
6 SYMBOL
6 TURNED
6 WIDTH
6 ALINE
6 ANTIPERSONNEL
6 AUTOMATIC
6 BLACK
6 BURST
6 COMMANDER'S
6 CONTROLS
6 CRADLE
6 DELAY
6 DIGITS
6 DON'T
6 ELEMENTS
6 EXAMINE
6 GIVE
6 HEAR
6 IMMEDIATELY
6 INSULATION
6 LISTS
6 MAN
6 MEASURED
6 NRC
6 ORSTAVE
6 OCT

7 TRANSMISSION
7 VOICE
6 ACP
6 ANSWERS
6 BACK-UP
6 CHANGES
6 COMBAT
6 COMMENTS
6 CORRECTION
6 DELTA
6 ELECTRICAL
6 FIVE
6 FIFER
6 HZ
6 LOCAL
6 LOG
6 MOUNTED
6 PARAGRAPH
6 PLOTTING
6 RAC
6 REVERSE
6 SHEET
6 SMOKE
6 STEP
6 TECHNIQUES
6 WAS
6 ACCURATELY
6 AN/VRC-46
6 A PART
6 AUXILIARY
6 RGT
6 C-220R
6 COMMUNICATE
6 CONVERSATION
6 CMSS
6 DENTED
6 DIR
6 DOWNWARD
6 EPLACEMENT
6 FIGURES
6 GRENADIER
6 HUSING
6 IMPACT
6 INSURING
6 LIVE
6 MANEUVER
6 MICROPHONE
6 NFM
6 OBSERVED
6 OFFICER'S

ASC WORD LISTING/DESCENDING FREQUENCY

5 ONCT	5 OPPOSITE	5 OPUM	5 OUTSIDE
5 OVERFAD	5 OVERRIDE	5 PAPAGRAMS	5 PPESTIGHT
5 PERSYNMER	5 PHASE	5 PLACING	5 PLUGS
5 POSITIVE	5 PROTECTIVE	5 PURPOSE	5 QUADRYANT
5 RANGES	5 REPAIR	5 REPEAT	5 RFSORE
5 RESULTS	5 ROCKET	5 SEVEN	5 SHORTING
5 SINCE	5 SLAVE	5 SLIGHTLY	5 SOP
5 SOURCES	5 SPLIT	5 SPOTTING	5 SCUFFZE
5 SUPPORTED	5 TECHNIQUE	5 TOGETHER	5 TURE
5 UPON	5 WINDOW	4 ABILITY	4 ADAPTERS
4 ADDED	4 AIMED	4 ALWAYS	4 AMMO
4 AN/VRC-64	4 AN/VRC-46	4 APPLIED	4 ARFAS
4 AT-SL2/VIR	4 AT-984A/G	4 AUDIO	4 RA-20
4 BASED	4 BINDING	4 BLADE	4 BLANK
4 BREAKER	4 BRUSH	4 BUILDING	4 CROT
4 CERTAIN	4 CL	4 CLEANER	4 CLEANLINESS
4 CLFAT	4 COME	4 COMMAND	4 COMMUNICATIONS
4 COMPLETION	4 COMPUTATION	4 CONNECTED	4 CCNTAIN
4 CONTAINING	4 CORROSION	4 CRIMPERS	4 DATE
4 DEGREE	4 DEPTH	4 DERIVE	4 DFTENT
4 DEFENDING POSITION	4 DE	4 DIRECTLY	4 DIRT
4 DENE	4 ERECT	4 ESTABLISH	4 EVENT
4 EVENTS	4 EXTEND	4 FIVE	4 FEW
4 FILTER	4 FIRES	4 FOCUS	4 FLAG
4 FLASH	4 FLASHING	4 H-161	4 FUNCTION
4 FUTURE	4 GENERAL	4 H-161	4 MEAT
4 HIGHER	4 HORIZONTAL	4 IDENTIFY	4 IMPORTANT
4 IMPROVE	4 INTERFERENCE	4 INTERPHONE	4 ISSUE
4 IV	4 JUL	4 KNOW	4 K
4 KY-30	4 LATCH	4 LENGTH	4 LEVELING
4 LIMITS	4 LCST	4 LSA	4 LUNATIC
4 MAINTAINED	4 MAINTAINING	4 MATTER	4 MAXIMUM
4 MEASURING	4 MEMBERS	4 METHODS	4 ML
4 MCBAL	4 MCST	4 MWES	4 MUZZLE
4 M3	4 MFR	4 NET	4 MUSE
4 MMELEFTRIC	4 MONTACTICAL	4 NORMAL	4 MOW
4 OBSERVER'S	4 OPTAIN	4 OCCURRED	4 OPERATORS
4 ORGANIZATION	4 PERFORMANCE	4 PIFCE	4 PLASTIC
4 POINTING	4 PGLAR-PLOT	4 POSITION	4 PRESENT
4 MILLING	4 RADIIIS	4 RADIIY	4 READY
4 RECEIVED	4 REDUCTIN	4 REINFEST	4 PPSISTOP
4 RETAINING	4 PPHEN	4 ROPE	4 SP-22A/PT
4 SECTORS	4 SECURELY	4 SENSING	4 SERVICEABILITY
4 SHIFT	4 SIG	4 SIGHTING	4 SHILAP
4 SINGLE	4 SMALL	4 SOLDIER	4 SOLDIERS
4 SOW	4 SPACE	4 SPECIFIC	4 SPECIFIED
4 SPREAD	4 STILL	4 STRAINER	4 STRAP
4 TAKE	4 TANK	4 TR	4 TEG
4 THUD	4 THROWN	4 TIDOWN	4 TPO
4 TIRES	4 TITUL	4 TOOLS	4 TRANSFER

4 TRAVEL
4 USUALLY
4 VISUALLY
4 WAY
4 WHIP
3 ACCURACY
3 AERIAL
3 AN-2000/GRC
3 AR
3 ASSURE
3 AVERAGE
3 BINOCULARS
3 BUBBLE
3 CENTERED
3 CLEARED
3 CONFIGURATION
3 COCKOFF
3 COVERED
3 CX-472/VRC
3 DEC
3 DESCRIBED
3 DIGIT
3 DISCONNECTED
3 ELECTRIC
3 ENGAGED
3 ERECTED
3 EXCEPT
3 FAST
3 FINISHED
3 FOUD
3 FUNCTIONING
3 GND
3 GUIDE
3 HEADQUARTERS
3 HITTING
3 IMAGINARY
3 INDICATES
3 INTERSECTION
3 KEYBOARD
3 LARGE
3 LEFS
3 LIMIT
3 LISTEN
3 LONGER
3 LIMITATE
3 MARK
3 MFM
3 MOVEMENT
3 NEEDLE
3 NORTH-SOUTH

4 TREE
4 VARIABLE
4 VOLTS
4 WE
4 WHIP
3 ACHIEVE
3 AIRCRAFT
3 AN-2060/GRC
3 ARMORER
3 AUP
3 AVOID
3 RIPOD-MOUNTED
3 CAPS
3 CHALLENGE
3 CLEATS
3 CONNECTING
3 CORNER
3 CRACKED
3 CL
3 DECLINATED
3 DESCRIPTION
3 DIRTY
3 DISMANTLE
3 ELECTRICITY
3 ENOUGH
3 ESTIMATED
3 EXPENDED
3 FASTEN
3 FLAGS
3 FOUR
3 FUZES
3 GOVERNOR
3 HAND RANK
3 HEADSET
3 HOLE
3 IMPACTS
3 INSERTING
3 J
3 KNOR
3 LEADS
3 LEFS
3 LINEAR
3 LITTLE
3 LOOSE
3 LURRICATION
3 MASS
3 MESSAGES
3 MP-6R
3 NEGATIVE
3 OA-3633/GRC

4 UNSCREW
4 VISIBILITY
4 VOLUME
4 WE
4 WE
3 AR-75
3 ACTIVITY
3 ALIGNMENT
3 AM-2060A/GRC
3 AS-1729/VRC
3 AUTHORIZED
3 BANDLEER
3 BRACKETING
3 CASE
3 CHARLIE
3 CLOSEST
3 CONSISTS
3 CORP
3 CREPPING
3 DG
3 DEFECTS
3 DESIGNATION
3 DISARM
3 FCHJ
3 EMPLOYED
3 ENVIRONMENTAL
3 ESTIMATING
3 EXPLODES
3 FEATURES
3 FIAT
3 FPAHE
3 GETTING
3 GRASP
3 HANDHEEL
3 HINGE
3 HOOK
3 INCHES
3 INSTAD
3 JULY
3 KVK-28
3 LEAF
3 LEVTELED
3 LIP
3 LOAD
3 LCH
3 MAKING
3 MATEING
3 MLAGAL
3 MULTIPLY
3 NIGHT
3 OA-3633A/GRC

4 UPDATED
4 VISUAL
4 WATER
4 WERE
4 AC
4 ADD/DROP
4 AIT
4 APP
4 ASK
4 AUTOMATICALLY
4 RII
4 BRING
4 COR
4 CLAYMORE
4 COMMUNICATION
4 CONTAMINATION
4 CURSE
4 CROSSSES
4 DEAD
4 DEFENSIVE
4 DIFFERENCE
4 DISCARD
4 FIGHT
4 EMPTY
4 FCH
4 EVEN
4 EXPRESSED
4 FIGHTING
4 FOREIGN
4 FULL
4 GN
4 GROOVE
4 HANGFIRE
4 HITS
4 IDENTIFIER
4 INDEX
4 INSTRUMENTS
4 JLN
4 J
4 LEAVE
4 LINA
4 LIST
4 LOCATING
4 LUPICANTS
4 MALFUNCTION
4 MEAFER
4 MODE
4 NATURAL
4 NON-REGISTERING
4 ORS

3 OBSERVATION	3 OPSTACLES	3 OCCUP	3 OPERABLE
3 OPERATED	3 ORAL	3 ORDERS	3 OPER
3 OVERTONES	3 ORAL	3 PASSFS	3 PENETRATING
3 PERFORMANCE	3 PERFORMING	3 PERMANENT	3 PLOTTED
3 PULAR	3 PRESCRIBED	3 PRESS-TC-TALK	3 PRIORITY
3 PROGRESS	3 PROMINENT	3 PROVE	3 PROVIDES
3 PURPOSES	3 PUSH	3 PWR	3 PYPCTECHNIC
3 OF	3 RAD	3 RAISC	3 PATER
3 REASON	3 RECEIPT	3 RECEIVED	3 RECOGNIZABLE
3 RECORDED	3 RECOVER	3 REELS	3 REFINEMENT
3 REG	3 RELIABILITY	3 REMAINING	3 REPORTED
3 REQUIRE	3 REST	3 RG-252	3 PACKETS
3 RUNNING	3 SALUTE	3 SR-993	3 SEARCHING
3 SEATED	3 SEEN	3 SELECTIONS	3 SEND
3 SENSINGS	3 SEVERAL	3 SITUATIONS	3 SLIP
3 SLIT-TYPE	3 SHAP	3 SOURCE	3 SOUTH
3 SPOIL	3 SPOT	3 SQUAD	3 SQUARES
3 SQUELCH	3 STEERING	3 STOPPING	3 STRIKE
3 SUBSEQUENT	3 SUITABLE	3 SUPPORTING	3 TA-312
3 TC	3 TE-33	3 TELL	3 TFLS
3 TFM	3 TERMINALS	3 TERMINATE	3 TIED
3 TIGHT	3 TOWARD	3 TRACER	3 TRANS
3 TRANSMITTING	3 TRIMWIRE	3 UNKNOWN	3 UTILIZE
3 VIA	3 VIEWS	3 VIS	3 W/E
3 WHICHEVER	3 WHEN	3 WIDE	3 WINCH
3 WP	3 YOURSELF	3 ZONE	2
2 -50/3	2 /	2 JCN	2 AB-50L/PRC-25
2 ARLE	2 ACCENT	2 ACCEPTANCE	2 ACCOMPLISHED
2 ACCORDING	2 ACIN	2 ACTIVATION	2 ACTIVATE
2 ADDITION	2 ADDITIONAL	2 ADJUSTING	2 AGREE
2 AHEAD	2 ALIGNED	2 ALLOW	2 ALLOWING
2 ALPHA	2 ALREADY	2 AM-1780	2 AN/GRC-140
2 AN/PWR-77	2 AN/VIC-1	2 ANCHOR	2 AN/PWR
2 ANG	2 ANT	2 ARTIFINAS	2 APPEARS
2 APPENDIX	2 APPROACHED	2 ARMY	2 ARROW
2 AS-1720/WRC	2 ASSOCIATED	2 ATTACHING	2 ATTEMPTING
2 AUG	2 AUGUST	2 AUTHENTICATION	2 BACKUP
2 BATTLEFIELD	2 BEFORE-OPERATION	2 BEHIND	2 BELT
2 BEND	2 BENT	2 BEYOND	2 BLACKOUT
2 BLOCKS	2 BN	2 BODY-TARGET	2 BOOT
2 BREATHING	2 BRIGADE	2 BUSHING	2 BLZFR
2 CALLS	2 CAPABILITY	2 CASUALTIES	2 CAUTIONS
2 CAVE	2 CD	2 CPS	2 CENTERS
2 CHAMBER	2 CHANGED	2 CHANGING	2 CHANFEL
2 CHATTER	2 CHECKING	2 CLAMP	2 CLEARING
2 CLUTCHING	2 CLUTCH	2 CLICK	2 CMEING
2 CLIFF	2 COMPUND	2 COMPRESSION	2 COMPREHENSIVE
2 COMBATANT	2 CONDUCTOR	2 CONSIDERED	2 CONTAINERS
2 CONTINUITY	2 CONTINUOUS	2 CORRELATING	2 COROS
2 COMBES	2 CORRECTED	2 CORRESPONDING	2 COUNTERCLOCKWISE

2 NOISES
 2 NUMBERED
 2 OLL
 2 OTHERS
 2 OVERWATCH
 2 PERMITS
 2 PLATES
 2 PLE
 2 PRELIMINARY
 2 PRESSURE
 2 PROTRUSION
 2 RANGE/SECTOR
 2 REACT
 2 RECT
 2 REINFORCING
 2 REPAIR
 2 REPLACED
 2 RESFAMLE
 2 RESTART
 2 RH
 2 RT524A/7442
 2 SCREWING
 2 SECURITY
 2 SEPARATING
 2 SHEETS
 2 SHOUT
 2 SIX-DIGIT
 2 SL
 2 SLOW
 2 SPEAK
 2 SPOOLS
 2 STARTER
 2 STOPS
 2 STRETCH
 2 SUBJUNCTIVE
 2 SUPPRESSOR
 2 SWIVE
 2 TALK
 2 TERRITORY
 2 THOSE
 2 TRACE
 2 TRAINING
 2 TRICK/PROXY-1A
 2 TSFF/KY-1A
 2 TYPES
 2 UNLOADED
 2 UNUSUAL
 2 UPSIDE
 2 VCN
 2 VIEW
 2 NOTHING
 2 CASERVING
 2 ORIENTED
 2 OUTPUT
 2 PATTERN
 2 PLANNING
 2 PLUNGER
 2 PRECAUTIONS
 2 PRESET
 2 PROCEED
 2 RADIO/TELEPHONE
 2 RDP
 2 RECEPTACLE
 2 REFLECT
 2 REFLECTIVE
 2 REMEDIAL
 2 REPRESENTED
 2 RESPECT
 2 RIGHTHAND
 2 RIGID
 2 RUST
 2 SEAT
 2 SFO
 2 SERVE
 2 SHIFTS
 2 SIMPLY
 2 SITE
 2 SLOT
 2 SOLVENT
 2 SPECIFY
 2 STAGIA
 2 STATUS
 2 STRAIGHT
 2 STRIP
 2 SUMMARY
 2 SUPGE
 2 TCE
 2 TEMPERATURES
 2 TG
 2 TIMES
 2 TRACKS
 2 TRAJECTORY
 2 TRIP
 2 TRUCK
 2 TRUCKING
 2 UNITS
 2 UNPFTL
 2 UPPER
 2 V
 2 VEPV
 2 VOLTAGE
 2 VISION
 2 MCW/NER
 2 OFF-RUN
 2 ORIGINAL
 2 OVERLAYS
 2 PARADIG
 2 PLANS
 2 PLINTEN
 2 PREINSTALLED
 2 PRESSED
 2 PWDJ
 2 RADARS
 2 RE-EXTEND
 2 RECHECK
 2 REJECTER
 2 RELAY
 2 REMOVAL
 2 REINFORCING
 2 RESQUEEZE
 2 RL-10
 2 RUFF
 2 SCREWDRIVER
 2 SCREWING
 2 SEPARATE
 2 SETTINGS
 2 SLOTS
 2 SIMULATED
 2 SKETCHES
 2 SLOTTED
 2 SCHE
 2 SNEECH
 2 STAND
 2 STICK
 2 STREAM
 2 SURCALINER
 2 SUSPECT
 2 SUSPENSE
 2 TARIFFS
 2 TERMINATED
 2 THING
 2 TIPS
 2 TRAIN
 2 TRAVELING
 2 TYP
 2 TUNIST
 2 UNLOAD
 2 UNSECURED
 2 UNLIGHT
 2 VALVE
 2 VIBRATION
 2 WFAK

1 COMPARTMENTS	1 COMPARTMENT	1 COMPENSATE	1 COMPLETELY
1 COMPLETENESS	1 COMPLICATED	1 COMPLETED	1 COMPLICIS
1 CONCISELY	1 COMPLICATION	1 COMPLETION	1 COMPLETION
1 CONFERENCES	1 CONNECTION	1 COMPLETION	1 COMPLETION
1 CONSTRUCTION	1 CONSTANT	1 COMPLETION	1 COMPLETION
1 CONSULT	1 CONTAINED	1 COMPLETION	1 COMPLETION
1 CONTINUALLY	1 CONTINUE	1 COMPLETION	1 COMPLETION
1 CONTROLLED	1 CONVERTED	1 COMPLETION	1 COMPLETION
1 COPIES	1 COPY	1 COMPLETION	1 COMPLETION
1 CORRELATED	1 CORRESPONDENCE	1 COMPLETION	1 COMPLETION
1 COUNTERJAMMING	1 CROUPLING	1 COMPLETION	1 COMPLETION
1 CPX	1 CRIMED	1 COMPLETION	1 COMPLETION
1 CRUD	1 CURE	1 COMPLETION	1 COMPLETION
1 CY-242/	1 CY-242/PRC-25	1 COMPLETION	1 COMPLETION
1 D-12	1 D-14	1 COMPLETION	1 COMPLETION
1 D-4	1 DAMAGES	1 COMPLETION	1 COMPLETION
1 DANGEROUS--MAKE	1 DAMAGES	1 COMPLETION	1 COMPLETION
1 DECISION	1 DECL	1 COMPLETION	1 COMPLETION
1 DEFENSE	1 DEFICIENCIES	1 COMPLETION	1 COMPLETION
1 DETECTING	1 DELIVERED	1 COMPLETION	1 COMPLETION
1 DEPENDS	1 DEPRESSION	1 COMPLETION	1 COMPLETION
1 DESCRIPTIVE	1 DESIRABLE	1 COMPLETION	1 COMPLETION
1 DESCRIBED	1 DETAIL	1 COMPLETION	1 COMPLETION
1 DETONATE	1 DETONATOR	1 COMPLETION	1 COMPLETION
1 DIODES	1 DIRECTED	1 COMPLETION	1 COMPLETION
1 DISASSSEMBLED	1 DISCARDED	1 COMPLETION	1 COMPLETION
1 DISMOUNTED	1 DISPATCHED	1 COMPLETION	1 COMPLETION
1 DISTANCES	1 DISTINCTIVE	1 COMPLETION	1 COMPLETION
1 DOCUMENTS	1 DURING	1 COMPLETION	1 COMPLETION
1 DUTY	1 DURING	1 COMPLETION	1 COMPLETION
1 DUEL	1 DURING	1 COMPLETION	1 COMPLETION
1 E-QUIPMENT	1 EASY	1 COMPLETION	1 COMPLETION
1 EASIERLY	1 EFFICIENT	1 COMPLETION	1 COMPLETION
1 EFF	1 ELECTRONIC	1 COMPLETION	1 COMPLETION
1 ELECTRICAL / EFFECTIVE	1 EMPLOYING	1 COMPLETION	1 COMPLETION
1 EMPLOYED	1 ENDANGERED	1 COMPLETION	1 COMPLETION
1 END-OF-MISSION	1 ENTRY	1 COMPLETION	1 COMPLETION
1 ENTIRE	1 ESPECIALLY	1 COMPLETION	1 COMPLETION
1 EFFECTIVE / SHANTLING	1 EXCEPTION	1 COMPLETION	1 COMPLETION
1 EVERYTHING	1 EXERT	1 COMPLETION	1 COMPLETION
1 EXERCISE	1 EXPLANATION	1 COMPLETION	1 COMPLETION
1 EXPEDITION	1 EXT-INT	1 COMPLETION	1 COMPLETION
1 EXPENSE	1 EXTRACT	1 COMPLETION	1 COMPLETION
1 EXTENDING	1 FACTORS	1 COMPLETION	1 COMPLETION
1 FACING	1 FAMILIAR	1 COMPLETION	1 COMPLETION
1 FALLS	1 FEAR	1 COMPLETION	1 COMPLETION
1 FARM	1 FILING	1 COMPLETION	1 COMPLETION
1 FILES	1 FINGER	1 COMPLETION	1 COMPLETION
1 FINALLY	1 FIRE-FOR-EFFECT	1 COMPLETION	1 COMPLETION
1 FIRE-FOR-EFFECT		1 COMPLETION	1 COMPLETION

DATE 11203 1423 PAC
COUNT 4 WORDS

ASCENDING FREQUENCY
COUNT 3 WORDS

COUNT 2 WORDS
MOS WORD L

INT 1 WORDS

1 FITS	1 FITTINGS	1 FIX	1 FLAME
1 FLAMMABLE--ON	1 FLAP	1 FLASHLIGHT	1 FLIGHT
1 FLOUSH	1 FLY	1 FLY	1 FLY
1 FOLLOWED	1 FOOTBALL	1 FOR/ADJUST	1 FORCE
1 FORCES	1 FOREARM	1 FORGET	1 FORCE
1 FORMATION	1 FORMATIONS	1 FORMING	1 FORMS
1 FORMULATE	1 FORWARD	1 FORTH	1 FORTH
1 FRO	1 FRICTION	1 FRONT/REAR	1 FRONTLIGHT
1 FY	1 FUMES	1 FUNCTIONAL	1 FURTHER
1 GAGE	1 GAGEPOINT	1 GAGEPOINTS	1 GATE
1 GEAPS	1 GENADES	1 GENERALLY	1 GENTER
1 GEOT	1 GN	1 CONVERTING	1 GOVERN
1 GRAB	1 GRADUATED	1 GRAPHIC	1 GRAPHICAL
1 GRAPHICALLY	1 GRASPING	1 GREATER	1 GREEN
1 GRIMADE'S	1 GRID-MAGNETIC	1 GRIDLINE	1 GRIDS
1 GRIME	1 GRIMY	1 GROUNDED	1 GRIND
1 GROUPS	1 GUIDELINES	1 GUNNER'S	1 GUNNERY
1 H-12	1 H-60/PT	1 H-9	1 HALF-SN
1 HALFWAY	1 HANDMAKES	1 HANDLED	1 HANDLING
1 HAZARD	1 HAZ/MP/REGISTRATION	1 HEADACHE	1 HEADAND
1 HEARDEN	1 HEADS	1 HEAVY	1 HELPS
1 HERTZ	1 HIGHWAY	1 HIP	1 HISTORICAL
1 HUB	1 HODD	1 HOES	1 HORN
1 HUSCS	1 HOSTILE	1 HOUR	1 ICH
1 ID	1 IDENTITIES	1 ICH	1 ICH
1 IGMPE	1 IGS	1 ICH	1 ICH
1 ILLUM	1 ILLUMINATION	1 ILLUSTRATES	1 ILL
1 IMPROPER	1 IMPROVE	1 IMPROVES	1 IMPORTANTLY
1 INCORRECT	1 INCREASE	1 INCREASED	1 INACTIVATION
1 INDEXED	1 INDICATE	1 INDICATION	1 INCREMENTS
1 INFLATE	1 INFLUENCING	1 INITIALLY	1 INF
1 INJURY	1 INNER	1 INSIDE	1 INITIATED
1 INSTANCE	1 INSTANTANEOUS	1 INSTRUCTION	1 INSTALL/INSHANTLE
1 INSTRUMENT	1 INSULATING	1 INSURANCE	1 INSTRUCTOR
1 INTERCUM	1 INTERCOMMUNICATIONS	1 INTEREST	1 INTENDED
1 INTERSECTING	1 INTERSECTIONS	1 INTERSECTION	1 INTERRUPTION
1 INVESTIGATING	1 ISSUED	1 ITSELF	1 INTRODUCTION
1 J-551	1 J-552	1 JAM	1 J
1 JABS	1 JEEP	1 JI	1 JAMMING
1 JUDGE	1 JUNCTION	1 JI	1 JOURNAL/DUTY
1 KAC-153A	1 KC	1 JI	1 K-TRANSFER
1 KEYLIST	1 KEYS	1 KEYS	1 KEPT
1 KNIFE	1 KNIFE-EDGE	1 KNITS	1 KNIP
1 LOCATION	1 LANDMINES	1 KNIT	1 KNIRLED
1 LATERALLY	1 LAMS	1 LANDS	1 LAT
1 LEADER'S	1 LEADERSHIP	1 LEAF	1 LME
1 LEGION	1 LEGIBLE	1 LEAVING	1 LEFTHAND
1 LET	1 LETTER	1 LENGTHS	1 LENSES
1 LIFT	1 LIKE	1 LEVELS	1 LIAISON
1 LINKS	1 LINKS	1 LINE-TO-LINE	1 LINKAGE
		1 LIPS	1 LIPING

125

EFFICIENCY
65013

ING/DESCENDING

2
SUM WORD L

COINT? W70D2

PRINTED BY THE

1 PRECL-1-D	1 PRECLUDE	1 PREFERRING	1 PREINSTALLATION
1 PREMATURE	1 OPERATIONAL	1 PREPARE/OPERATE	1 PREPARE/POST
1 PREPARING	1 PREPRINTED	1 PRESCRIPTIVE	1 PREPEND
1 PREPARED	1 PREVENTING	1 PRESENTIVES	1 PREVIOUS
1 PRIMAY	1 PRINCIPAL	1 PRIORLY	1 PRIORITY
1 PROBLEM	1 PROCCOURES	1 PROMISE	1 PROJECTILES
1 PROCLMGFD	1 PROPELLANT	1 PROTECT	1 PROTECTION
1 PROTINIDE	1 PROVIDING	1 PT	1 PUBLICATIONS
1 PULL-RELEASE	1 MULL-TYPE	1 PINTURED	1 PUSH-TO-TALK
1 PUSHING	1 PUT	1 PUTTING	1 PUSH
1 Q	1 QUALIFIED	1 QUICK	1 QUICKLY
1 RADIATOR	1 RADIO/WIRE	1 RAISES	1 RANGE-REFLECTION
1 RANGE/DEFLECTION	1 REC	1 RE-ENTER	1 READINESS
1 READJUST	1 REAL	1 REALINES	1 REARWARD
1 RECEIPT/DISPATCH	1 RECEIPT/DISPATCH/OCCURREN	1 RECEIVED	1 RECEPTION
1 RECESS	1 RECESSES	1 RECOGNIZE	1 RECOGNIZED
1 RECOMMENDED	1 RECORDING	1 RECORDS	1 RED
1 REGISTRATION	1 REGISTER	1 REF	1 REFLECTORS
1 REGULATORY	1 REINSTALL	1 REINSTALLED	1 RELATES
1 RELATION	1 RELEASE-TYPE	1 RELEASED	1 RELIEF
1 RELIEVE	1 RELIEVING	1 RELOAD	1 RELOADED
1 REMANDER	1 REMARK	1 REMARKS	1 REMEMBR
1 REMOVAL	1 REMOVED	1 RENDER	1 REPACKING
1 REPATING	1 REPRESENT	1 REPRESENTATIONS	1 REPRESENTING
1 REQUIREMENT	1 REQUIREMENTS	1 REROLL	1 RESEARCH
1 RESCTION	1 RESERVOIR	1 RESERVIRS	1 RESET
1 RESISTIAL	1 RESISTORS	1 RESPOND	1 RESPONSE
1 RESPONSIBLE	1 RESULTED	1 RESUMED	1 RETAINTR
1 RETAINING	1 ARTICLE	1 RETURNING	1 REVERSED
1 REVERSES	1 REVERSING	1 REVIVM	1 REVIEWS
1 RG/K	1 RIDING	1 RIFLE	1 RIFLES
1 RIGID	1 RING-OFF	1 RINGBACK	1 RING
1 RIPS	1 RISE	1 RISK	1 RISK
1 ROD	1 ROGER	1 ROLL	1 ROOM
1 ROTATE	1 ROM	1 REPORTS	1 RT-524
1 RT-841 /PRC-77	1 RTRAIN	1 RHILL	1 RY
1 S-17E	1 SAFEST	1 SAMPLE	1 SANDRAGGING
1 SAAT	1 SATISFACTORY	1 SAVE	1 SP
1 SR-11-A24	1 SB-11-624	1 SR-27/P	1 SE-099/T
1 SCREPM	1 SE	1 SEALS	1 SEARCH
1 SEATS	1 SECURFD	1 SECURENESS	1 SEN
1 SIZE	1 SELECTED	1 SELECTION	1 SEINFCTS
1 SEMI-CIRCULAR	1 SEMI-FLUID	1 SENDER	1 SENS
1 SENT	1 SFIELDS	1 SEQUENCE	1 SEPTONS
1 SERVICABLE	1 SEVERELY	1 SHAPF	1 SHAPP
1 SHARM Y	1 SHAF	1 SHILLS	1 SHAPLED
1 SHIFTING	1 SHIMNEY	1 SHOULDERS	1 SHITTING
1 SHW	1 SHOWING	1 SHUT	1 SHOES
1 SIGNATURE	1 SIGNING	1 SILENC	1 SILFT
1 SILUETTE	1 SIMING	1 SIMULTANEOUSLY	1 SITED

PRINT1 WY
1 X-
1 YEARS

WDS WORD L1: G/DESCENDING FREQUENCY
COUNT2 WCRD2 3 WCRD3
1 X2
1 YCKE 1 ZEROTZE

DATE M1233 1923 PAIR 14
COUNT4 WCRD4
1 YARGFT
1 ZEROS

Revised/mms
DATA CONTROL NUMBER 100 NO / PROIE

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

WFA

JUNE 16 1961

~~SECRET~~
Extra



WORD FREQUENCY
MOB 13E
SKILL LEVEL 2

PREPARED BY: OPERATIONS DIV. DPFO

ATDP Form 109 Replaces ATDM 110, Jul 73, which is obsolete

COPY ____ OF ____ COPIES

COUNT1 WORD1

19 +	1 -	2 -1	1 -10
149 A	2 A-R	2 AM E	14 ABOVE
4 ACCEPTABLE	1 ACCOMPLISHES	15 ACCURACY	5 ACTION
4 ACTIONS	1 ACTIVE	2 ACTUAL	1 ACTUALLY
5 ADD	1 ADD/INCP	2 ADDITION	3 ADING
3 ADEQUATELY	3 ADJUST	42 ADJUSTED	5 ADJUSTING
1 ADJUSTMENT	1 ADVANCE	5 ADVANTAGE	2 ADVANTAGES
1 AERIAL	5 AFTER	1 AGAINST	1 AGREE
1 AGREES	1 AIDED	1 AIDS	2 AM
24 AIMING	9 AIR	1 AL-1	5 ALGEBRAICALLY
1 ALINE	1 ALING NG	19 ALL	1 ALLOWS
1 ALIVING	2 ALONG	25 ALTITUDE	1 AMMUNITION
33 AN	1 ANALYSIS	245 AND	1 ANDS
2 ANGLE	7 ANNOUNCE	3 ANNOUNCED	4 ANOTHER
1 ANTI-TANK	5 ANY	1 ANYTHING	1 APART
1 APPEAL	1 APPENDIX	3 APPLICABLE	7 APPLIED
7 APPLY	9 APPLYING	20 APPROPRIATE	18 ARE
4 AREA	2 ARGUMENT	3 ARGUMENTS	1 ARMED
1 ARRANGE	31 AS	1 ASPECTS	1 ASSIGNED
2 ASSORTATION	1 ASSUMING	13 AT	3 ATTACHED
3 ATTACK	1 ATTITUDE	1 AUTOMATICALLY	3 AVAILABLE
1 AVERAGE	1 AVOIDING	1 AXIS	21 A71MITH
18 B	2 B-R	4 BACKUP	5 BASE
2 BASED	1 BASEPIECE	6 BATTERIES	21 BATTERY
1 BATTLEFIELD	46 BE	1 BECAUSE	4 BEN
1 BEGIN	1 BEHIND	1 BELOW	4 BEST
9 BETWEEN	2 BLACK	1 BLEND	5 BOTH
4 BRACKET	1 BUIT	14 BUTTON	2 BUTTONS
60 BY	12 C	9 CALIBRATED	5 CALL
1 CALLS	5 CAN	8 CANNON	1 CANNIT
1 CAPABILITIES	1 CARDINAL	1 CASUALTIES	2 CENTER
2 CENTERED	1 CHANCES	1 CHANGE	23 CHAP
1 CHAPTER	15 CHARGE	37 CHAPT	5 CHECK
1 CHECKLIST	3 CHEMICAL	1 CHITTING	30 CHRONOGRAPH
7 CIRCLE	1 CO	1 CO-1	1 COINCIDE
16 COL	1 COLUMNS	1 COMMANDER	1 COMMANDS
4 COMMITTED	4 COMMUN	1 COMMUNICATIONS	1 COMPANY
3 COMPARTIVE	10 COMPASS	2 COMPUTATION	1 COMPUTATIONS
24 COMPUTE	4 COMMITED	11 COMPUTER	3 COMPUTER'S
1 COMPUTING	6 CONCEALMENT	3 CONCURRENT	28 CONDITIONS
1 CONDITIONS	3 CONDUCT	2 CONDUCTING	1 CONFIRM
2 CONSUMER	1 CONSIDERATIONS	1 CONSIDERED	5 CONTACT
1 CONTACTS	1 CONTAIN	1 CONTINUE	2 CONTOUR
2 CONTINL	2 CONVERT	4 COORDINATE	4 COORDINATES
1 COPY	2 CURN R	1 COPY	10 CORRECT
10 CORRECTED	14 CORRECTION	22 CORRECTIONS	1 CORRECTLY
4 CORROD ATE	15 CORRESPONDING	2 CORRESPONDS	2 COUNT
11 COVER	1 COVERED	1 CNI	1 COW-SERVED
1 CRITICAL	1 CROSS-SECTION	5 CURRENT	6 CURSOR
1 C1	11 D	1 D-5	1 D-4

1 DA	67 DATA	2 NAVLIGHT	2 DECLINATED
3 DECREASE	68 DEFLECTION	1 DEFLECTOR	4 DELAY
1 DELTA	7 DENSITY	6 DEPRESS	1 DECREASED
5 DEPRESSING	1 DEPRESSION	1 DEPRESSIONS	4 DEPTIVE
1 DERIVED	1 DESIGNATED	1 DESTROYED	7 DESTRUCTION
1 DETAINED	6 DETECT	2 DETERMINE	1 DETERMINATIONS
92 DETERMINE	1 DETERMINED	5 DETERMINING	1 DE
9 DIFFERENCE	1 DIFFICULTY	79 DIRECT	15 DEFECTIVE
2 DIRECTIONS	1 DISCLOSE	1 DISPLAY	2 DISPLAYED
1 DISREGARD	2 DISTANCE	1 DISTINGUISHABLE	4 D
2 DICES	2 DOWN	3 DRIFT	1 DRILL
9 DURING	2 EAST	10 E	13 EACH
2 EASILY	1 EITHER	2 EFFECTIVE	1 EFFECTIVENESS
2 EFFECTS	1 EMBLEM	1 ELEMENT	3 ELEMENTS
92 ELEVATION	1 EMBLEMING	1 ENAMING	1 ENCOUNTERED
4 END	2 ENEMY	2 ENEMY'S	36 ENTER
10 ERROR	13 ENTERED	6 ENTRY	7 EQUIPMENT
1 ETC	6 ERRORS	2 ESPECIALLY	2 ESTABLISHED
1 EXHIBITS	2 EVALUATE	1 EVERY	1 EXHAUST
2 EXPRESS	1 EXPECTED	1 EXPLOIT	1 EXHAUSTIVE
1 EXTRACTED	4 EXPRESSED	1 EXPRESSING	11 EXTRACT
1 FACT	1 EXTRAPOLATION	9 F	9 FA
1 FAR	21 FACTOR	1 FACTORS	112 FADAC
3 FEATURE	1 FAVORABLE	3 FDC	1 FCC'S
3 FIELD	7 FEATURES	2 FEDA	1 FE
1 FIGURE	5 FIELDS	1 FIGHT	1 FIGHTING
1 FINISHED	10 FINAL	1 FIND	7 FINISH
1 FIRE-FOR-EFFECT	1 FIR	53 FIRE	5 FIRE-FOR-EFFECT
7 FIRST	16 FIRED	5 FIRE'S	37 FIRING
3 FLAGS	1 FIVE	1 FIXED	4 FLAG
127 FCR	2 FORCE	7 FOLLOWING	1 FLOWNS
1 FORMS	1 FORWARD	1 FORCES	1 FORGET
1 FRIENDLY	50 FROM	5 FOUR	1 FBAG
1 FULLY	39 FUZE	2 PRINT	1 TS
2 GAMBIT	2 GAUGE	3 G	4 GAGELINE
1 GETTING	64 GFT	1 GAUGELINE	2 GET
4 GMPD	1 GGT	1 GIVE	16 GIVEN
1 GREATER	1 GREATLY	1 GRAPHICAL	1 GREAT
1 GROUP	1 GROUPS	11 GRID	17 GROUND
8 GUNNERY	1 H	10 GUN	2 GUNFR
1 HAIR	12 HAIRLINE	1 H-A	1 HAY
1 HAVING	7 HE	4 HAS	9 HAVE
1 HEIGHT	2 HEIGHT-OF-BURST	1 HEADING	1 HEAVIER
1 HIS	12 HOR	1 HIDES	1 HILLTOPS
6 HOW	1 HOWEVER	1 HOUR	1 HOURS
9 ICH	30 IF	2 HUNTER	6 I
1 ILL	1 ILLUMINATION	8 IT	6 III
1 IMPACT	2 IMPARTANT	1 IMMEDIATELY	3 IMPACT
2 INCLUDING	7 INCREASE	69 IN	1 INCLUDE
		5 INCREMENT	1 INCREMENTS

COUNT 4 WORD 4

WOS WORD L...TING/ASCENDING: SEQUENCE
COUNTS WORDS

COUNT 2 WORD 2

COUNT 1 WORD 1

1 INDEX	3 INDICATES	1 INDIVIDUAL	2 INFANTRY
3 INFORMATION	12 INITIAL	2 INPUT	11 INSURE
1 INSURES	1 INTERPOLATE	2 INTERVAL	1 INTO
1 IRREGULARLY-SHAPED	41 IS	1 ISSUED	7 IT
2 IV	1 JAN	3 JGR	3 KFY
2 KEYWORD	13 KNOWN	3 LATD	2 LAND
8 LAST	1 LATERAL	1 LATEST	7 LAY
2 LAYING	1 LEAST	1 LEFT	1 LENGTH
2 LFNS	2 LESS	7 LESSON	3 LEVELLED
1 LIGHTER	1 LIKELIHOOD	1 LIMIT	1 LIMITING
3 LIMITS	3 LINE	2 LINEAR	2 LIST
2 LOCATE	1 LOCATED	23 LOCATION	1 LOCATIONS
1 LONG	2 LOST	9 LOT	1 LGTS
2 LOW	4 M/S	1 MACHINEGUNS	1 MAGNETIC
1 MAIN	13 MAINT	2 MAKE	1 MAKES
1 MAKING	2 MANEUVER	19 MANUAL	5 MANUFACTURERS
1 MARY	30 MAP	1 MAP-TERRAIN	1 MAPS
1 MARCH	7 MASS	1 MASSING	10 MATRIX
1 MATED	3 MAXIMUM	1 MAY	3 MDP
20 MEASURES	2 MECHANIZED	1 MEETS	1 MENTAL
2 MESSAGE	10 NET	6 METER	10 METERS
4 METHOD	2 METHODS	17 MI	5 MILITARY
1 MILITANTS	5 MILS	3 MIHUS	1 MINUTE
12 MINUTES	26 MISSION	4 MISSIONS	2 MODE
4 MORE	2 MOST	3 MOUNTED	4 MOVF
10 MOVEMENT	4 MOVING	1 MULTIPLE	3 MULTIPLY
4 MULTIPLYING	16 MUST	2 MUTUALLY	9 MZ7LE
4 MW	5 MVV	1 MIOOI	1 MIOOI
10 MLO	3 M2	17 M36	7 M564
1 M565	1 NAVIGATE	1 NAVIGATING	1 NAVIGATION
1 NDP	20 NEAREST	1 AFFDL	1 NEGATIVE
1 NEGOTIABLE	6 NEW	1 NEXT	4 NC
7 NON-REGISTERING	1 NON-STANDARD	7 NONADJUSTING	1 NORMALLY
3 NORTH	1 NORTH-SOUTH	7 NUT	3 NITE
4 NUCLEAR	9 NUMBER	2 OBJECTIVE	5 OBSERVATION
1 OBSERVE	4 ORSERVER	12 OBSERVER'S	1 OBSTACLES
1 ORBATINED	3 OTANT	1 OCTANTS	17 OF
7 OFFSET	40 ON	10 ONE	1 OFH
13 OPER	12 OPERATION	97 OPERATOR	25 OR
17 ORDER	3 ORG	4 ORIENT	1 ORIENTED
2 OT	8 OTHER	12 OVER	5 OVERPRIN
4 OVERSTOPS	5 OVERWATCH	2 PAGE	3 PAGE
1 PAGES	8 PANORAMIC	1 PANTFL	4 PAPER
15 PARA	3 PART	1 PARTS	7 PENCIL
1 PEP	5 PERFORMANCE	1 PERFORM	8 PERFORMANCE
15 PERFORMANCE	5 PERFORMED	2 PERMITS	1 PG
5 PHASE	1 PHOTOGRAPHS	14 PIERCE	2 PICES
5 PH	6 PLACE	7 PLACING	2 PLANNING
5 PLATON	1 PLATON'S	1 PLATOONS	1 PLOT
2 PLOTTING	3 PLUS	39 POINT	2 PLOTTING

6 POINTS	14 POSITION	7 POSITIONS
3 POSITIVE	1 PRACTICE	1 PRECIS
3 PRECISION	3 PRESENT	1 PRESS
1 PRETEST	2 PRIMARY	22 PRECEDENCES
1 PROCESS	20 PROJECTILE	5 PROJECTILES
1 PROLONGED	3 PROPELLANT	2 PROPER
2 PROMISED	3 PROTRACTOR	2 PROVIDE
2 PROVIDES	1 C	7 OF
21 QUADRANT	1 QUICKLY	17 PADAR
4P RANGE	1 RANGE/OFFLECTION	1 PACHING
1 READ	12 READMIT	4 PFCALL
2 RECALLFD	1 RECALLING	1 RECEIVED
2 RECIPROC	2 RECOMPUTE	1 RECOMMITER
1 RECIUR	31 RECORD	1 PICT
1 RED	2 REDUCE	1 PEENTERED
15 REFERENCE	9 REFERENCES	4 PFFINEMENT
1 REF	7 REGISTERING	1 REGISTRATION/SPECIAL
1 RELATE	1 REMAINING	1 REPEATING
8 REMOT	1 REPORT	2 PPOURED
2 REQUIREMENT	2 REQUIREMENTS	1 RESIDUAL
7 RESIDUALS	7 RESULT	1 REVEAL
1 RIDGES	2 RIGHT	10 RCTATE
10 ROUND	9 ROUNDS	1 SADDLES
9 SAMF	17 SCALE	20 SEC
8 SECOND	1 SECOND-PLOT	4 SECTION
9 SELECT	1 SELECTION	1 SEP
2 SEPARATE	5 SEQUENCE	7 SET
1 SFTS	45 SETTING	1 SEVEN
12 SHEET	7 SWELL	1 SHIELDING
4 SHOULD	1 SHOWN	5 SIGN
11 SITE	3 SITUATION	2 SIX-DIGIT
5 SM	2 SMOKE	2 SMITH
1 SPECIAL	1 SPECIFIED	1 SPEED
1 SPEND	1 SPREADS	1 SQUADS
3 SQUARF	11 SQUARFS	20 STANDARD
20 STANDARDS	8 START	1 STEPS
2 STORAGF	9 STORE	1 SUBSTITUTE
2 SUBTRACT	7 SUBTRACTING	3 SUPPORT
4 SUPPORTED	1 SUPPRESSIVE	1 SURROUND
2 SUSPECTED	1 SYSTEM	1 SYSTEMS
12 TABLF	1 TABLES	2 TAKE
1 TAKES	1 TAPE	2 TARGETS
4 TASK	1 TC	1 TECHNIQUE
1 TECHNIQUES	1 TFG	1 TEMPERATURE
6 TEMPORARY	2 TERMINATE	2 TEXT
8 TF	8 THAN	12 TFF
2 THEM	1 THEN	3 THTCF
4 THEY	1 THING	2 THGSE
4 THPEF	5 THROUGH	1 TI
24 TIME	9 TIMES	260 TC

COUNT 1 WORDS

1 TOLERANCE
2 TOXIC
9 TWO
3 TYPING
4 UNITS
1 UNSTRUCTURED
3 USED
1 V
1 VARIATIONS
1 VELOCITIES
2 VERTICAL
1 VITI
1 W/GI
20 WEAPON
3 WEIGHTS
4 WMPF
1 WILL
11 WITHOUT
5 XN120
1 YOUAVE

COUNT 2 WORDS

1 TOP
6 TRANSFER
1 TWO-PLOT
9 UNDER
6 UNITS
9 UNTIL
1 USES
2 VALLEYS
2 VARIED
3 VELOCITIES
1 VI
1 VISUALIZE
1 WAS
6 WEAPONS
2 WEST
1 WHETHER
32 WILL
1 WORKSHEET
1 XO
23 YOUR

COUNT 3 WORDS

15 TOTAL
1 TRANSMIT
5 TYPE
1 UNDERSTAND
2 UNKNOWN
2 UPPER
49 USING
7 VALUE
1 VARYING
17 VELOCITY
6 VINDEN
1 VT
2 WAY
1 WEATHER
2 WHIT
7 WHICH
44 WITH
4 WP
3 YOKO
2 ZERO

COUNT 4 WORDS

1 TCUARD
2 TRIG
2 TYPES
12 UNIT
1 UNNECESSARY
14 USE
1 USUALLY
4 VARIATION
6 VE
2 VERIFY
1 VTI
3 W/F
1 WAYS
24 WEIGHT
6 WFEV
2 WTLF
24 WITHIN
2 WHITE
44 YNU
5 ZONE

COUNT1 WORD1	COUNT2 WORD2	WDS WORD LISTING/DESCI	COUNT3 WORD3	FRQUENCY	COUNT4 WORD4	DATE 01203 1426 PA 1
132 THE	249 TO	245 AND	177 OF	177 OF	177 OF	
149 A	127 FOR	112 RADAC	97 OPERATOR	97 OPERATOR	97 OPERATOR	
92 DETERMINE	84 CORRECTION	79 DIRECT	69 IN	69 IN	69 IN	
67 DATA	46 DEFLECTION	64 GFT	60 BY	60 BY	60 BY	
57 FW	56 RE	54 YOU	53 ELEVATION	53 ELEVATION	53 ELEVATION	
53 FIRE	52 REGISTRATION	50 FROM	49 USING	49 USING	49 USING	
48 RANGE	46 WITH	45 SETTING	47 ADJUSTED	47 ADJUSTED	47 ADJUSTED	
41 IS	40 ON	39 FIZE	39 POINT	39 POINT	39 POINT	
34 MAP	37 CHART	37 FIRING	34 ENTER	34 ENTER	34 ENTER	
36 FIREN	36 GIVEN	33 AM	33 T-AT	33 T-AT	33 T-AT	
12 WILL	31 AS	31 RECORD	30 CHRONOGRAPH	30 CHRONOGRAPH	30 CHRONOGRAPH	
30 IF	29 STANDARD	28 CONDITIONS	28 MEASURES	28 MEASURES	28 MEASURES	
28 STANDARDS	26 MISSING	26 TIME	25 ALTITUDE	25 ALTITUDE	25 ALTITUDE	
25 OR	24 AIMING	24 COMPUTE	24 WEIGHT	24 WEIGHT	24 WEIGHT	
24 WITHIN	23 CHAP	23 LOCATION	23 YOUR	23 YOUR	23 YOUR	
22 CONNECTIONS	22 PROCEDURES	21 AZIMUTH	21 BATTERY	21 BATTERY	21 BATTERY	
21 FACTOR	21 QUADRANT	20 APPROPRIATE	20 NEARBY	20 NEARBY	20 NEARBY	
20 PROJECTILE	20 SEC	20 WEAPON	19 +	19 +	19 +	
19 ALL	19 MAMMAL	18 AFT	18 A	18 A	18 A	
18 WFT	17 GROUND	17 MIL	17 M36	17 M36	17 M36	
17 RADAR	17 READING	17 SCALE	17 VELOCITY	17 VELOCITY	17 VELOCITY	
16 CGL	16 MUST	16 TARGET	16 TERRAIN	16 TERRAIN	16 TERRAIN	
15 ACCURACY	15 CHARGE	15 CORRESPONDING	15 DIRECTION	15 DIRECTION	15 DIRECTION	
15 PARA	15 PERFORMANCE	15 REFERENCE	15 ROUTE	15 ROUTE	15 ROUTE	
15 TOTAL	14 BUTTON	14 PIFCE	14 POSITION	14 POSITION	14 POSITION	
14 USE	13 AT	13 EACH	13 FATED	13 FATED	13 FATED	
13 KNOW	13 MAINT	13 CPER	13 TELESCOPE	13 TELESCOPE	13 TELESCOPE	
12 C	12 MAINT LINE	12 HTR	12 INITIAL	12 INITIAL	12 INITIAL	
12 MINUTES	12 OBSERVER'S	12 OPERATION	12 ORDER	12 ORDER	12 ORDER	
12 OVER	12 READOUT	12 SHEET	12 TABLE	12 TABLE	12 TABLE	
12 UNIT	11 COMPUTER	11 COVER	11 N	11 N	11 N	
11 ENEMY	11 EXTRACT	11 GRID	11 INSURE	11 INSURE	11 INSURE	
11 SITE	11 SQUARES	11 WITHOUT	10 ABOVE	10 ABOVE	10 ABOVE	
10 COMPASS	10 CORRECT	10 CORRECTED	10 F	10 F	10 F	
10 ERROR	10 FINAL	10 GUN	10 MATRIX	10 MATRIX	10 MATRIX	
10 METERS	10 MOVEMENT	10 M18	10 C4F	10 C4F	10 C4F	
10 PREPARED	10 POTATE	10 ROUNO	10 SYSTEM	10 SYSTEM	10 SYSTEM	
10 TH	9 AIR	9 APPLYING	9 BETWEEN	9 BETWEEN	9 BETWEEN	
9 CALIBRATED	9 DIFFERENCE	9 DURING	9 F	9 F	9 F	
9 HAVE	9 LOT	9 M12 JLF	9 NUMBER	9 NUMBER	9 NUMBER	
9 REFERENCES	9 ROUNDS	9 SAWF	9 SELECT	9 SELECT	9 SELECT	
9 STORE	9 TIMES	9 TWO	9 UNDER	9 UNDER	9 UNDER	
9 UNTIL	8 CANNON	8 FA	8 GUNNERY	8 GUNNERY	8 GUNNERY	
8 IC	8 II	8 LAST	8 OTHER	8 OTHER	8 OTHER	
8 PANORAMIC	8 PERFORMANCE	8 QUALIFIED	8 PERLOT	8 PERLOT	8 PERLOT	
8 SECOND	8 START	8 TET	8 T-AN	8 T-AN	8 T-AN	
7 ANNUAL	7 APPLIED	7 APPLY	7 CIRCLE	7 CIRCLE	7 CIRCLE	
7 DENSITY	7 FEATURES	7 FINISH	7 FIRST	7 FIRST	7 FIRST	
7 FOLLOWING	7 HE	7 INCREASE	7 I	7 I	7 I	
7 LAY	7 LESSON	7 MASS	7 MANADJUSTING	7 MANADJUSTING	7 MANADJUSTING	

PRINT 1 WORD1

PRINT 2 WORD2

PRINT 3 WORD3

PRINT 4 WORD4

7 NOT	7 OFFSET	7 PENCIL	7 PLACING
7 POSITIONS	7 OF	7 REGISTERING	7 PERSONALS
7 RESULT	7 SELECTOR	7 SET	7 SPELL
7 SUBTRACTING	7 VALUE	7 WHICH	6 BATTERIES
6 COMMITTED	6 CONCEALMENT	6 CORRELATE	6 CURSOR
6 DEPRESS	6 DERIVE	6 DETECT	6 ENTRY
6 ERRORS	6 HOW	6 I	6 III
6 METER	6 MULTIPLYING	6 NEW	6 PLACE
6 POINTS	6 PROGRAM	6 RECALL	6 SUBSEQUENT
6 TASK	6 TEC	6 TEMPORARY	6 TRANSFER
6 UNITS	6 VF	6 VIDEO	6 WEAPONS
6 WHEN	5 ACTION	5 ADD	5 ADJUSTING
5 ADVANTAGE	5 AFTER	5 ALGEBRAICALLY	5 ANY
5 RASF	5 BOTH	5 CALI	5 CAN
5 CHECK	5 CONTACT	5 CURRENT	5 DEPRESSING
5 DETERMINING	5 FIELDS	5 FIRE-FOR-EFFECT	5 FIRES
5 FOUR	5 INCREMENT	5 MANUFACTURER'S	5 MILITARY
5 MILS	5 MOV	5 OBSERVATION	5 OPERATOR
5 ORIENT	5 OVERRIDE	5 OVERWATCH	5 PERFORMANCE
5 PERFORMED	5 PIN	5 PLATOON	5 PROJECTILES
5 REFERRED	5 SEQUENCE	5 SIGN	5 SP
5 SUPPORTED	5 THREE	5 THROUGH	5 TYPE
5 VARIATION	5 WHERE	5 XPIZ	5 TIME
4 ACTIONS	4 ANOTHER	4 AREA	4 RACKUP
4 BEEN	4 BEST	4 CRACKET	4 COMMON
4 COMPUTED	4 COORDINATE	4 COORDINATES	4 DELAY
4 DN	4 EXPRESSED	4 FLAG	4 GAGELINE
4 GND	4 HAS	4 W/S	4 METHOD
4 MISSIONS	4 MORE	4 MOVE	4 MOVING
4 MV	4 NO	4 NUCLEAR	4 OVERLINES
4 PAPER	4 REFINEMENT	4 SECTION	4 SHIELD
4 SURFACE	4 TIME	4 THIS	4 UNITS
4 WP	3 ADDING	3 ANNOUPLY	3 ADJUST
3 ANNOUNCED	3 APPLICABLE	3 ARGUMENTS	3 ATTACHED
3 ATTACK	3 AVAILABLE	3 CHEMICAL	3 COMPARATIVE
3 COMBUSTION	3 CONCURRENT	3 CONDUCT	3 DECREASE
3 DEPT	3 ELEMENTS	3 END	3 FDC
3 FEATURE	3 FIELD	3 FLAGS	3 G
3 ILLUMINATION	3 IMPACT	3 INCREMENTS	3 INDICATES
3 INFORMATION	3 JCR	3 KEY	3 IDO
3 LEVELED	3 LIMITS	3 LINE	3 MAXIMUM
3 MDP	3 MINUS	3 MOUNTED	3 MULTIPLY
3 MZ	3 NORTH	3 NOTE	3 OBTAIN
3 ORG	3 PAGE	3 PART	3 PLUS
3 POSITIVE	3 PRECISION	3 PRESENT	3 PROPELLANT
3 PROTRACTOR	3 RECONNAISSANCE	3 SECOND	3 SITUATION
3 SOLAR	3 SUCH	3 SUPPORT	3 TACTICAL
3 TECHNICAL	3 TEMPERATURE	3 THESE	3 TYPING
3 USED	3 VELOCITIES	3 W/F	3 WEIGHTS
3 YME	2 -1	2 A-1	2 ALE

1 CONTAIN	1 CONTACTS	1 CONSIDERED	1 CONTINUATIONS
1 CORRECTLY	1 CORR	1 COPY	1 CONTINUED
1 CRITICAL	1 CPEN-SERVED	1 COL	1 COVERED
1 D-4	1 D-5	1 CL	1 CROSS-SECTION
1 DEPRESSO	1 DELTA	1 REFLECTION	1 DA
1 DESIGNATED	1 DEPIED	1 DEPRESSIONS	1 DEPRESSION
1 DETERMINED	1 DETERMINATIONS	1 DETAILED	1 DESTROYED
1 DISPLAY	1 DISGUISES	1 DIFFICULT	1 DIFFICULT
1 EFFECTIVENESS	1 DISILL	1 INDISSOLUBLE	1 DISGUISED
1 EARLING	1 EMBLEMMENTS	1 ELEMENT	1 DISGUISED
1 EAPY	1 ETC	1 ENTER/STORE	1 EITHER
1 EXPLICIT	1 EXPECTED	1 EXHIBITS	1 EXHIBITION
1 EXTRAPOLATION	1 EXTRACTED	1 EXPRESSIONS	1 EXPRESSION
1 FAVORABLE	1 FAP	1 FACTORS	1 FACT
1 FIGHTING	1 FIGHT	1 FFE	1 FACT
1 FIR	1 FINISHED	1 FIND	1 FDC'S
1 FOLLOWS	1 FINED	1 FIVE	1 FIRE-FORFEET
1 FORWARD	1 FORMS	1 FORGET	1 FORCES
1 FULLY	1 FS	1 FRIENDLY	1 FRAG
1 GCT	1 GIVE	1 GETTING	1 GABELINE
1 GREATLY	1 GREATER	1 GREAT	1 GRAPHICAL
1 H-R	1 H	1 GROUPS	1 GROUP
1 HEADING	1 HAVING	1 HAIR	1 MAD
1 HILLTOPS	1 HIDES	1 HEIGHT	1 HEAVIER
1 HOWEVER	1 HIPS	1 HOUR	1 HIS
1 INCLUDE	1 IMPACT	1 IMMEDIATELY	1 ILL
1 INTERPOLATE	1 INSIPES	1 INDIVIDUAL	1 INDEX
1 JON	1 ISSUED	1 IRREGULARLY-SHAPED	1 INTO
1 LEFT	1 LEAST	1 LATEST	1 LATERAL
1 LINITY	1 LELIHOOD	1 LIGHTER	1 LENGTH
1 LOOK	1 LOCATIONS	1 LOCATED	1 LIMITING
1 MAIN	1 MAGNETIC	1 MACHING	1 LOTS
1 MAP-TERRAIN	1 MANY	1 MARCH	1 MAKES
1 MATTER	1 MASSING	1 MEETS	1 MAPS
1 PILOTANTS	1 MENTAL	1 MULTIPLE	1 MAY
1 MILOAI	1 MIOAL	1 NAVIGATE	1 MINUTE
1 NAVIGATION	1 NAVIGATING	1 NEUTLE	1 MILES
1 NEGOTIABLE	1 NEGATIVE	1 NORM-STANDARD	1 MPP
1 NORTH-SOUTH	1 NORMALLY	1 OBSTACLES	1 NEXT
1 NYANTS	1 ORTAINED	1 ORIENTED	1 NOSSPVE
1 PAMTEL	1 PAGES	1 PER	1 OPEN
1 PC	1 PERFORM	1 PHOTOGRAPHS	1 PARTS
1 PLATOONS	1 PLATOONS	1 POLAR-PLCT	1 PHASE
1 PRECIS	1 PRACTICE	1 PRETEST	1 PILOT
1 PROCESS	1 PREVIOUS	1 PROPEL-LANT	1 PPFS
1 Q	1 PURPOSE	1 RANGE/OFFLECTION	1 QUICKLY
1 REACHING	1 RAVING	1 RECALLING	1 READ
1 RECEIVED	1 REFTIPT	1 RECOR	1 RECOMMENDED
1 RED	1 RECT	1 REENTERED	1 REENTER
1 REGISTRATION/SPECIAL	1 REG		

1 RELATF
1 REPORT
1 RETURN
1 SADDLES
1 SEP
1 SHIELDING
1 SPECIAL
1 SPEND
1 STANDARD
1 SUPPRESSIVE
1 TAPLES
1 TECHNIQUE
1 THING
1 TOP
1 UNDERSTAND
1 USUALLY
1 VARYING
1 VIII
1 WAS
1 WITH

1 REMAINING
1 REQUEST
1 REVEAL
1 SCALES
1 SFTS
1 SHOWN
1 SPECIFIED
1 SPREADS
1 STEP
1 SURROUND
1 TAKES
1 TEG
1 THRU
1 TOWARD
1 UNNECESSARY
1 V
1 VELOCITIES
1 VISUALIZE
1 WAYS
1 WORKSHEET

1 REPEAT
1 REQUIREMENTS
1 RIDGES
1 SECOND-PLOT
1 SEVEN
1 SIGHT
1 SPECIFYING
1 SQUAD
1 STEPS
1 SYSTEM
1 TAPE
1 THEN
1 TI
1 TRANSMIT
1 UNSTRUCTURED
1 VALLEYS
1 VI
1 VT
1 WEATHER
1 XO

1 REPEATING
1 RESIDUAL
1 ROAD
1 SELECT ION
1 SHELLS
1 SO
1 SPEED
1 SQUADS
1 SUBSTITUTE
1 SYSTEMS
1 TC
1 THERE
1 TOLERANCE
1 TWO-PLOT
1 USES
1 VARIATIONS
1 VIT
1 WAGI
1 WHETHER
1 YOU'VE

HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



PREPARED BY: OPERATIONS DIV, DPFO

ATDP Oct 86 109-1

FORM
Feb 99 edition may be used
until exhausted.

COPY ____ OF ____ COPIES

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.

(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

- | | |
|------------------|-------------------------|
| A. Declarative | statement |
| B. Interrogative | question |
| | 1. wh- questions |
| | 2. tag questions |
| | 3. yes/no questions |
| C. Imperative | command, polite request |
| D. Exclamatory | exclamation |

Sentence Complexity:

- | | |
|---------------------|---|
| A. Simple | one full subject and predicate |
| B. Compound | two or more independent clauses joined by: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. coordinate conjunction |
| C. Complex | one or more dependent clauses and an independent clause |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

Verbs:

- | | |
|----------------------------|---|
| A. Concord | subject-verb agreement |
| B. Transitive | takes an object |
| C. Intransitive | doesn't take an object |
| D. Copula | to be |
| E. Linking | connectors |
| F. Auxiliaries of tense | will, do, did |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense | present, past |
| I. Aspect | perfect, progressive |

Verbal Forms:

- | | |
|-----------------------|---------------|
| A. Present Participle | active voice |
| B. Past Participle | passive voice |

Voice:

- | | |
|------------|----------------------------|
| A. Active | subject does action |
| B. Passive | subject does not do action |
| | 1. agent expressed |
| | 2. agent not expressed |

Nouns:

- | | |
|---------------|-----------|
| A. Singular | man, pen |
| B. Plural | men, pens |
| C. Count | chairs |
| D. Mass | flour |
| E. Possessive | soldier's |
| F. Collective | fish |

Adjectives:

- | | |
|-----------------------------|---------------------------|
| A. Predicative | The tank is green. |
| B. Attributive | The green tank is moving. |
| C. Degrees of comparison | |
| 1. regular | big, bigger |
| 2. irregular | worse, worst |
| D. Ordinal/Cardinal Numbers | first, one |

Adverbs:

- | | |
|-------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner | maybe, possibly |
| D. Negative | no, never |
| E. Comparison of | nearest, harder |
| F. Degree | thoroughly, completely |

Articles:

- | | |
|---------------|-----------|
| A. Definite | a, the |
| B. Indefinite | any, some |

Pronouns:

- | | |
|------------------|---------------------|
| A. Personal | you |
| B. Demonstrative | that |
| C. Indefinite | anybody, both, each |
| D. Reflexive | himself, yourself |
| E. Cases of | I, me, my, mine |
| F. Relative | who, whom, whose |
| G. Interrogative | who, which, what |

Conjunctions:

- | | |
|-----------------------|------------------------------|
| A. Coordinating | and, but, or, nor |
| B. Subordinating | because, if, as, that, after |
| C. Correlative | either, or |
| D. Conjunctive adverb | therefore, furthermore |

Prepositions:

A. Simple

- | | |
|----------------------------------|------------|
| 1. place | on, in |
| 2. time | in, at, on |
| 3. direction/motion | to |
| 4. manner/agent/
instrument | by, with |
| 5. measurement/
number amount | of |

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General
English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs